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Model State Information System Training Program. Volume 12. Program Documentation Data Element Dictionary (1983 Edition)

Cincinnati Univ., OH

Prepared for

Environmental Protection Agency, Washington, DC

1983

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The purpose of this manual is to provide the users of the MSIS with full descriptions of each of the data elements contained on permanent files within the system.

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Model State Information System
Training Program

Volume XII

PROGRAM DOCUMENTATION
Data Element Dictionary

PART 1

Prepared for the

U.S. Environmental Protection Agency
Office of Water Supply
Washington, D.C.
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by the

SouthWestern Ohio Regional Computer Center
Cincinnati, Ohio

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Bruce O. Keith
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Project Managers, OWS-76-02

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I. PURPOSE

The purpose of this manual is to provide the users of the Model State Information System (MSIS) with full descriptions of each of the data elements contained on permanent files within the system. As developer of this system, the SouthWestern Ohio Regional Computer Center (SWORCC) has assigned a series of unique catalogue numbers to the data elements to aid in the documentation of the system.

There are five data elements which occur in more than one permanent file. These data elements are described in Appendix A.

Some of the data element descriptions refer to the Code Value Table (CVT) for a list of acceptable values. Appendix B lists each of the data elements which appear on the various CVT's for their respective subsystems. It gives the standard, OWS approved acceptable values applying to data elements which are to be reported to EPA as well as the suggested values for data elements which can be defined to meet the States or Regions own unique needs.

II. FORM DESCRIPTION

Data Element Descriptions

The "Data Element Description" form is used to define the data element's names, descriptions, acceptable values, and usage.

The fields on this form contain the following information:

1. DATE: contains the date the form was submitted for EPA approval or the date it was last updated.

2. VERSION: contains information identifying updated versions of the form.

3. REQUESTED BY EPA TO BE REPORTED ANNUALLY: states whether or not the data element is requested to be reported to EPA.

4. MANDATED FOR MSIS PROCESSING REQUIREMENTS: states whether or not the data element is necessary for MSIS processing. If so, it must be entered on an input form when creating a new record for the particular file which contains the data element.

5. CATALOGUE NUMBER: contains the unique number which identifies the data element.

6. MNEMONIC NAME: contains the abbreviated (10 characters or less) name for the data element. This name is used in performing random selection or sorting in MSIS.

7. PROGRAM NAME: contains the COBOL (30 characters or less) name for the data element. This name is actually used in the MSIS COBOL programs.

8. DESCRIPTION AND USE: contains a brief description of the data element and how it is used.

9. DATA TYPE: contains N (numeric) or A/N (alphanumeric).

10. PICTURE: contains the ANSI COBOL standard picture (description) of the data element. The digit within the parenthesis indicates the length of the data element.

11. SOURCE(S): states from where the information for the creation of the data element comes. Generally, this is an input form.

12. INPUT TO: contains X's under those subsystems using the data element.

13. OUTPUT OF: contains X's under those subsystems producing the data element.

14. ACCEPTABLE VALUES: contains the acceptable values for the data element. If the acceptable values are on the Code Value Table, then the maximum number of acceptable values is listed here.

15. EDIT CRITERIA: contains restrictions when entering values for the data element on input forms and the error codes resulting when edit criteria are not met.

16. ADDITIONAL COMMENTS: contains any additional explanation necessary to further define the data element.

III. CATALOGUE NUMBERS

Unique catalogue numbers were assigned on a file-by-file basis. The numbers correspond to those that appear on the Record Definition forms under the column labeled "CAT. NO." Numbers at the end of the sequence were allowed for future expansion of the system by the user if desired. A series of data elements common to more than one subsystem are described in Appendix A.

The unique catalogue numbers were assigned as follows:

001 - 144	Regulations File (RGF)
145 - 264	Public Water File (PWF)
265 - 278	Public Water Table (PWT)
279 - 284	Code Value Table (CVT)
285 - 293	Data Element Table (DET)
294 - 297	Error Message Table (EMT)
298 - 300	Standard Error File (SEF)
301 - 307	Standard History File (SHF)
308 - 309	Optional Error File (OEF)
310 - 318	Public History File (PHF)
319 - 325	Laboratory Table (LBT)
326 - 355	Violations File (VIF)
356 - 398	Sample Analysis File (SAF)
399 - 429	Periodic Sample File (PSF)
430 - 454	VIF
455 - 477	Variances and Exemptions File (VEF)
478 - 491	Operator and Mailing File (OMF)
492 - 511	Deviations File (DVF)
512 - 513	Laboratory Table Header Record
514 - 515	Public Water Table Header Record
516 - 532	Compliance Status File (CSF)
533 - 699	Numbers not assigned, left for expansion
700 - 749	Additions to Public Water System Inventory (PWSI)
750 - 799	Additions to Regulations (REGS)
800 - 849	Additions to Water Quality Compliance (WAQC)
850 - 859	Additions to VIF
860 - 869	Additions to Variances and Exemptions (VAEX)
870 - 879	Additions to Operator and Mailing (OPER)
880 - 889	Additions to Federal Reporting (FEDR)
890 - 899	Additions to Standard Processing (MSIS)
900 - 999	Assigned for special uses (card codes, etc.)

IV. INDEX OF DATA ELEMENT DESCRIPTIONS

A. Numerical Sequence by Catalogue Number

CAT.-NO.	PROGRAM NAME	MNEMONIC
001*	RGF-ALFA-CONTAMINANT-ID	RG-CONID
002	RGF-ALFA-REGU-LEVEL	RG-A-RGLVL
003	RGF-ALFA-CONTAM-NAME	RG-A-CONAM
004	RGF-ALFA-EFFECTIVE-DATE	RG-A-EFFDT
005	RGF-ALFA-MCL-GROSS-ALPHA	RG-A-M-GRA
006	RGF-ALFA-MCL-COMBINED-RADIUM	RG-A-M-CMR
007	RGF-ALFA-MAX-GA-WITHOUT-R228	RG-A-GAO28
008	RGF-ALFA-MAX-GA-WITH-R228	RG-A-GAI28
009	RGF-ALFA-MAX-R226-POP-R228	RG-A-R6PR8
010	RGF-ALFA-MAX-R226-ANNUAL-MONIT	RG-A-R6ANM
011	RGF-ALFA-NUM-SAMPLES-PER-YEAR	RG-A-NUMSP
012	RGF-ALFA-MIN-NORM-MONITOR-FREQ	RG-A-MINFQ
013	RGF-ALFA-INITL-MONITOR-PERIOD	RG-A-INIPD
014	RGF-ALFA-FRACTION-MCL-SUBSTITU	RG-A-FRACT
015	RGF-ALFA-MIN-VIOL-MONITOR-FREQ	RG-A-MINVF
016	RGF-ALFA-ANNUAL-COMP-4-SAMPLE	RG-A-AC4SP
017	RGF-ALFA-COM-NONCOMM-BOTH	RG-A-CNCOB
018*	RGF-BETA-CONTAMINANT-ID	RG-CONID
019	RGF-BETA-REGU-LEVEL	RG-B-RGLVL
020	RGF-BETA-CONTAM-NAME	RG-B-CONAM
021	RGF-BETA-EFFECTIVE-DATE	RG-B-EFFDT
022	RGF-BETA-MCL-ANNUAL-DOSAGE	RG-B-ANMCL
023	RGF-BETA-TRITIUM-SCREENING	RG-B-TRISC
024	RGF-BETA-STRONTIUM90-SCREENING	RG-B-STRSC
025	RGF-BETA-MAJ-BETA-EM-NO-NUCL	RG-B-MBENN
026	RGF-BETA-MAJ-BETA-EM-CON-NUCL	RG-B-MBECN
027	RGF-BETA-STRON89-CES134-CON-NU	RG-B-S8C1C
028	RGF-BETA-COM-NONCOMM-BOTH	RG-B-CNCOB
029	RGF-BETA-MONIT-GRD-WTR-REQD	RG-B-MONGD
030	RGF-BETA-AVERAGE-COMPOS-SAMPLE	RG-B-AVCOM
031	RGF-BETA-MIN-POPULATION-ANNUAL	RG-B-MNPOP
032	RGF-BETA-N-NUM-SAMPLES-YEAR	RG-B-NNMSP
033	RGF-BETA-N-NORM-MONIT-FREQ	RG-B-NNMFQ
034	RGF-BETA-N-VIOL-MONIT-FREQ	RG-B-NVMFQ
035	RGF-BETA-C-NUM-IODINE-SAMPLES	RG-B-CNIOS
036	RGF-BETA-C-NUM-STRONT-SAMPLES	RG-B-CNSTS
037	RGF-BETA-C-IODINE-MONIT-FREQ	RG-B-CIOMF
038	RGF-BETA-C-STRONT-MONIT-FREQ	RG-B-CSTMF
039	RGF-BETA-C-VIOL-MONIT-FREQ	RG-B-CVMFQ
040	RGF-BETA-C-IODINE131-CONS-SPLS	RG-B-CICSP
041*	RGF-CHEM-CONTAMINANT-ID	RG-CONID
042	RGF-CHEM-REGU-LEVEL	RG-C-RGLVL
043	RGF-CHEM-CONTAM-NAME	RG-C-CONAM

* COMMON DATA ELEMENT

044	RGF-CHEM-REASON-CODE	RG-C-RSNCD
045	RGF-CHEM-MCL-UNITS	RG-C-MCLUN
046	RGF-CHEM-MCL	RG-C-MCL
047	RGF-CHEM-MCL-DECIMALS	RG-C-MCLDC
048	RGF-CHEM-MCL-LOW-LIMIT	RG-C-MCLOW
049	RGF-CHEM-MCL-LOW-DECIMALS	RG-C-MCLOD
050	RGF-CHEM-MCL-HIGH-LIMIT	RG-C-MCLHI
051	RGF-CHEM-MCL-HIGH-DECIMALS	RG-C-MCLHD
052	RGF-CHEM-MCL-CHECK-SAMPLES	RG-C-CKSAM
053	RGF-CHEM-MCL-SEASONAL-CODE	RG-C-SEACD
054	RGG-CHEM-MCL-SPECIAL-CODE	RG-C-SPECD
055	RGF-CHEM-MCL-MAX-TIME	RG-C-MINTM
056	RGF-CHEM-MCL-CHECK-PERIOD	RG-C-CHKPD
057	RGF-CHEM-COM-EFFECTIVE-DATE	RG-C-CEFDT
058	RGF-CHEM-COM-GRD-YRS-FST	RG-C-CGRYP
059	RGF-CHEM-COM-GRD-SAMPLE-FREQ	RG-C-CGSPF
060	RGF-CHEM-COM-GRD-VIOL-FREQ	RG-C-CGVFQ
061	RGF-CHEM-COM-GRD-MIN-NEG	RG-C-CGMNG
062	RGF-CHEM-COM-SUR-YRS-FST	RG-C-CSRYR
063	RGF-CHEM-COM-SUR-SAMPLE-FREQ	RG-C-CSSPF
064	RGF-CHEM-COM-SUR-VIOL-FREQ	RG-C-CSVFQ
065	RGF-CHEM-COM-SUR-MIN-NEG	RG-C-CSMNG
066	RGF-CHEM-NCOM-EFFECTIVE-DATE	RG-C-NEFDT
067	RGF-CHEM-NCOM-GRD-YRS-FST	RG-C-NGRYF
068	RGF-CHEM-NCOM-GRD-SAMPLE-FREQ	RG-C-NGSPF
069	RGF-CHEM-NCOM-GRD-VIOL-FREQ	RG-C-NGVFQ
070	RGF-CHEM-NCOM-GRD-MIN-NEG	RG-C-NGMNG
071	RGF-CHEM-NCOM-SUR-YRS-FST	RG-C-NSRYR
072	RGF-CHEM-NCOM-SUR-SAMPLE-FREQ	RG-C-NSSPF
073	RGF-CHEM-NCOM-SUR-VIOL-FREQ	RG-C-NSVFQ
074	RGF-CHEM-NCOM-SUR-MIN-NEG	RG-C-NSMNG
075*	RGF-EMIT-CONTAMINANT-ID	RG-CONID
076	RGF-EMIT-REGU-LEVEL	RG-E-RGLVL
077	RGF-EMIT-TABLE-ID	RG-E-TBIID
078	RGF-EMIT-EFFECTIVE-DATE	RG-E-EFFDT
079	RGF-EMIT-CONTAM-NAME	RG-E-CONAM
080	RGF-EMIT-ANNUAL-CONCENT-EQUIV	RG-E-AVCON
081	RGF-EMIT-DETECTION-LIMIT	RG-E-DETLM
082*	RGF-EMIT-NUCL-FACILITY-CODE	RG-E-NPPCD
083*	RGF-FLOR-CONTAMINANT-ID	RG-CONID
084	RGF-FLOR-REGU-LEVEL	RG-F-RGLVL
085	RGF-FLOR-TABLE-ID	RG-F-TBIID
086	RGF-FLOR-TEMP-FAHR-LOW	RG-F-TRFLO
087	RGF-FLOR-TEMP-FAHR-HIGH	RG-F-TRFHI
088	RGF-FLOR-TEMP-CENT-LOW	RG-F-TRCLO
089	RGF-FLOR-TEMP-CENT-HIGH	RG-F-TRCHI
090	RGF-FLOR-TEMP-RANGE-MCL	RG-F-TRMCL
091	RGF-FLOR-REAS-FAHR-LOW	RG-F-RBFLO
092	RGF-FLOR-REAS-FAHR-HIGH	RG-F-RBFHI
093	RGF-FLOR-REAS-CENT-LOW	RG-F-RBCLO
094	RGF-FLOR-REAS-CENT-HIGH	RG-F-RBCHI
095*	RGF-BACT-CONTAMINANT-ID	RG-CONID

* COMMON DATA ELEMENT

096	RGF-BACT-REGU-LEVEL	RG-M-RGLVL
097	RGF-BACT-CONTAM-NAME	RG-M-CONAM
098	RGF-BACT-EFFECTIVE-DATE	RG-M-EFFDT
099	RGF-BACT-MF-SINGLE-SAMPLE-MCL	RG-M-MF-SM
100	RGF-BACT-MF-MONTHLY-MCL	RG-M-MF-MT
101	RGF-BACT-MF-PERCENT-SAMPLES	RG-M-MF-PS
102	RGF-BACT-MF-MIN-REQD-SAMPLES	RG-M-MF-MR
103	RGF-BACT-MF-MCL-FOR-PERCENT	RG-M-MF-MC
104	RGF-BACT-FT-SINGLE-SAMPLE-MCL	RG-M-FT-SM
105	RGF-BACT-FT-MONTHLY-MCL	RG-M-FT-MT
106	RGF-BACT-FT-PERCENT-SAMPLES	RG-M-FT-PS
107	RGF-BACT-FT-MIN-REQD-SAMPLES	RG-M-FT-MR
108	RGF-BACT-FT-MCL-FOR-PERCENT	RG-M-FT-MC
109	RGF-BACT-FH-SINGLE-SAMPLE-MCL	RG-M-FH-SM
110	RGF-BACT-FH-MONTHLY-MCL	RG-M-FH-MT
111	RGF-BACT-FH-PERCENT-SAMPLES	RG-M-FH-PS
112	RGF-BACT-FH-MIN-REQD-SAMPLES	RG-M-FH-MR
113	RGF-BACT-FH-MCL-FOR-PERCENT	RG-M-FH-MC
114	RGF-BACT-REQMNTS-MAX-SAMPLES	RG-M-RQMAX
115	RGF-BACT-REQMNTS-SAMPLE-PERIOD	RG-M-RQSPD
116	RGF-BACT-CHK-MIN-DAILY-SAMPLES	RG-M-CKCDS
117	RGF-BACT-CHK-MIN-NEG-PORTIONS	RG-M-CKMNP
118	RGF-BACT-CHK-MIN-MEMBRANE-FILT	RG-M-CKMCD
119	RGF-BACT-CHL-SAMPLES-IN-LIEU	RG-M-C-LEU
120	RGF-BACT-CHL-MAX-PERCENT	RG-M-C-MXP
121	RGF-BACT-CHL-MIN-CHLORINE-LVL	RG-M-C-MCL
122	RGF-BACT-CHL-MAX-TIME-RETEST	RG-M-C-MXT
123	RGF-BACT-NCOM-EFFECTIVE-DATE	RG-M-NEFDT
124	RGF-BACT-NCOM-SEASONAL-CODE	RG-M-NSEAS
125	RGF-BACT-NCOM-SAMPLING-PERIOD	RG-M-NPERD
126	RGF-BACT-NCOM-SAMPLE-FREQ	RG-M-NSFRQ
127*	RGF-BPOP-CONTAMINANT-ID	RG-CONID
128	RGF-BPOP-REGU-LEVEL	RG-P-RGLVL
129	RGF-BPOP-TABLE-ID	RG-P-TBLID
130	RGF-BPOP-TBL-FROM-POPULATION	RG-P-T-FRM
131	RGF-BPOP-TBL-TO-POPULATION	RG-P-T-TOP
132	RGF-BPOP-TBL-SAMPLE-FREQ	RG-P-T-FRQ
133*	RGF-TURB-CONTAMINANT-ID	RG-CONID
134	RGF-TURB-REGU-LEVEL	RG-T-RGLVL
135	RGF-TURB-CONTAM-NAME	RG-T-CONAM
136	RGF-TURB-MONTHLY-MCL	RG-T-MOMCL
137	RGF-TURB-CONSECUTIVE-MCL	RG-T-CNMCL
138	RGF-TURB-CONSECUTIVE-SAMPLES	RG-T-CNSPL
139	RGF-TURB-EFFECTIVE-DATE	RG-T-EFFDT
140	RGF-TURB-ALL-SOURCES	RG-T-ALLSR
141	RGF-TURB-REPEAT-INCLUDED	RG-T-RPTIN
142	RGF-TURB-COM-SAMPLE-FREQ	RG-T-CSPFQ
143	RGF-TURB-NCOM-SAMPLE-FREQ	RG-T-NSPFQ
144	RGF-TURB-MAX-RESAMPLING-PERIOD	RG-T-MRSPL
145	PWF-ID	PW-ID
146	PWF-PLANT-OWNER-NAME	PW-OWNA

* COMMON DATA ELEMENT

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147	PWF-PLANT-STREET	PW-PL-STRT
148	PWF-PLANT-CITY	PW-PL-CITY
149	PWF-PLANT-STATE	PW-PL-STAT
150	PWF-PLANT-ZIP-CODE	PW-PL-ZIP
151	PWF-MAILING-NAME	PW-MA-NAME
152	PWF-MAILING-STREET	PW-MA-STRT
153	PWF-MAILING-CITY	PW-MA-CITY
154*	PWF-MAILING-STATE	PW-MA-STAT
155	PWF-MAILING-ZIP-CODE	PW-MA-ZIP
156	PWF-MAILING-AREA-CODE	PW-MA-ARCO
157	PWF-MAILING-PHONE-NUMBER	PW-MA-PNUM
158	PWF-PLANT-AREA-CITY-NAME	PW-PL-ACTY
159	PWF-PLANT-AREA-COUNTY-CODE	PW-PL-ACNT
160	PWF-PLANT-INDIAN-RESERVATION	PW-PL-RESR
161	PWF-PLANT-RESIDENTIAL	PW-PL-RESI
162	PWF-PLANT-COMPANY-TOWN	PW-PL-COMP
163	PWF-PLANT-RECREATION	PW-PL-RECR
164	PWF-PLANT-MOBILE-HOMES	PW-PL-MOHO
165	PWF-PLANT-INSTITUTION	PW-PL-INST
166	PWF-PLANT-SCHOOL	PW-PL-SCHL
167	PWF-PLANT-MOTEL	PW-PL-MOTL
168	PWF-PLANT-RESTAURANT	PW-PL-REST
169	PWF-PLANT-SERVICE-STATION	PW-PL-SSTA
170	PWF-PLANT-CAMPGROUND	PW-PL-CAMP
171	PWF-PLANT-PICNIC-AREA	PW-PL-PIC
172	PWF-PLANT-LODGE	PW-PL-LODG
173	PWF-PLANT-MARINA	PW-PL-MARI
174	PWF-PLANT-SKI-RESORT	PW-PL-SKI
175	PWF-PLANT-BATHING	PW-PL-BATH
176	PWF-PLANT-VISITOR-CENTER	PW-PL-VCTR
177	PWF-PLANT-HWY-REST-AREA	PW-PL-HWY
178	PWF-PLANT-AIRPORT	PW-PL-AIR
179	PWF-PLANT-OTHER-AREA	PW-PL-OTHR
180	PWF-PLANT-CONSECUTIVE-NUM-PWS	PW-PL-CNUM
181	PWF-PLANT-INTERSTATE-CARRIER	PW-PL-CARR
182	PWF-PLANT-TYPE	PW-PL-TYPE
183	PWF-PLANT-POPULATION-SERVED	PW-PL-POPL
184	PWF-PLANT-SERVICES-NUMBER	PW-PS-SNUM
185	PWF-PLANT-METERS-NUMBER	PW-PL-MNUM
186	PWF-PLANT-AVERAGE-PRODUCTION	PW-PL-AVPR
187	PWF-PLANT-DESIGN-CAPACITY	PW-PL-DECA
188	PWF-PLANT-EMERGENCY-POWER	PW-PL-EMER
189	PWF-PLANT-STORAGE-CAPACITY	PW-PL-STCA
190	PWF-PLANT-MAX-PRODUCTION	PW-PL-MAXP
191	PWF-PLANT-BEGIN-DATE	PW-PL-BEGN
192	PWF-PLANT-LAST-SURVEY-DATE	PW-PL-SURV
193	PWF-PLANT-COMPLIANCE-CYCLE	PW-PL-CYCL
194	PWF-PLANT-ACTIVITY	PW-PL-ACTV
195	PWF-PLANT-DEACTIVATION-DATE	PW-PL-DDAT
196	PWF-PLANT-DEACTIVATION-REASON	PW-PL-DREA
197	PWF-PLANT-MANUAL-FILE	PW-PL-MANU
198*	PWF-STATE-POSTAL-CODE	PW-S-CODE

* COMMON DATA ELEMENT

199	PWF-STATE-REGULATE-BY	PW-S-REGB
200	PWF-STATE-REGION	PW-S-REGN
201	PWF-STATE-DISTRICT	PW-S-DIST
202	PWF-STATE-BACTERIOLOGICAL-FLG	PW-S-BFLG
203	PWF-STATE-MONTHLY-MONITORING	PW-S-MONT
204	PWF-STATE-NO-OF-SAMPLES	PW-S-NSAM
205	PWF-STATE-SEASON-BEGIN	PW-S-SBGN
206	PWF-STATE-SEASON-END	PW-S-SEND
207	PWF-STATE-MIN-NO-DAILY-CHECKS	PW-S-MDCK
208	PWF-STATE-NCOM-SAMPLE-FREQ	PW-S-NSFRQ
209	PWF-STATE-MCL-HALT-CHECK-SAMP	PW-S-MCKS
210	PWF-STATE-CHLORINE	PW-S-CLOR
211	PWF-STATE-TURBIDITY-FLAG	PW-S-TFLG
212	PWF-STATE-TURBIDITY-UNITS	PW-S-TBUN
215	PWF-STATE-ORGANIC-BEGIN-PERIOD	PW-S-ORBGN
216	PWF-STATE-ORGANIC-END-PERIOD	PW-S-OREND
217	PWF-STATE-AIR-TEMPERATURE	PW-S-ATEM
218	PWF-STATE-NITRATE-FREQUENCY	PW-S-NITR
219	PWF-STATE-RADIOACTIVE-FLAG	PW-S-RFLG
220	PWF-STATE-RADIOACTIVE-MONITOR	PW-S-RMON
221	PWF-STATE-BETA-FREQ-MONTHS	PW-S-BETA
222	PWF-STATE-NUCLEAR-FACILITY	PW-S-NUCL
223*	PWF-STATE-NUCLEAR-FAC-TYPE1	PW-S-FATY1
224*	PWF-STATE-FAC-CONTAMINANT-ID	PW-S-FACON
225	PWF-STATE-CONTAMINANT-FREQ	PW-S-CFREQ
226	PWF-STATE-MONITOR-GROSS-ALPHA	PW-S-GALP
227	PWF-STATE-MONITOR-RADIUM-MTHS	PW-S-RADM
228	PWF-STATE-NUM-SAMPLES-PER-YR	PW-S-NUMSP
229	PWF-STATE-GROUND-WATER-MONITOR	PW-S-GWATR
230	PWF-STATE-REPORT-REQUIRED	PW-S-RREQ
231	PWF-STATE-LAST-REPORT-DATE	PW-S-LAST
232	PWF-STATE-ENGLISH-METRIC-SYSTM	PW-S-ENGM
233	PWF-STATE-RESERVE-POP-STATE	PW-S-RESV
234	PWF-LAST-UPDATE-DATE	PW-LST-UP
235	PWF-LAB-ID	PW-LA-ID
236	PWF-LAB-CAPTIVE-FLAG	PW-LA-CFLG
237	PWF-OWNER-TYPE	PW-OW-TYPE
238*	PWF-VAEX-CONTAMINANT-ID	PW-VE-CTAM
239	PWF-VAEX-MODIFIED-MCL	PW-VE-MCL
240	PWF-VAEX-MODIFIED-MCL-DEC	PW-VE-DEC
241	PWF-VAEX-ALT-MONITOR-FREQ	PW-VE-AMF
242	PWF-PLANT-SOURCES-NUMBER	PW-PL-SONM
243	PWF-PLANT-SOURCE-NAME	PW-PL-SONA
244	PWF-PLANT-SOURCE-CODE	PW-PL-SOCO
245	PWF-PLANT-NUM-OF-WELLS	PW-PL-WELL
246	PWF-PLANT-AVAILABILITY	PW-PL-AVAL
247	PWF-PLANT-BASIN-NUMBER	PW-PL-BASN
248	PWF-PLANT-LATITUDE	PW-PL-LATI
249	PWF-PLANT-LONGITUDE	PW-PL-LONG
250	PWF-PLANT-SELLER-ID	PW-PL-SLID
251	PWF-PLANT-AERATION	PW-PL-AERA
252	PWF-PLANT-PRECHLORINATION	PW-PL-PREC

* COMMON DATA ELEMENT

253	PWF-PLANT-COAGULATION	PW-PL-COAG
254	PWF-PLANT-SEDIMENTATION	PW-PL-SEDI
255	PWF-PLANT-FILTRATION	PW-PL-FILT
256	PWF-PLANT-CORROSION-CNTRL	PW-PL-CORR
257	PWF-PLANT-SOFTENING	PW-PL-SOFT
258	PWF-PLANT-TASTE-ODOR	PW-PL-TAST
259	PWF-PLANT-IRON-REMOVAL	PW-PL-IRON
260	PWF-PLANT-AMMONIATION	PW-PL-AMMO
261	PWF-PLANT-FLUORIDE-ADJUSTMENT	PW-PL-FLOR
262	PWF-PLANT-DISINFECTION	PW-PL-DISI
263	PWF-PLANT-OTHER-TREATMENT	PW-PL-OTHE
264	PWF-PLANT-RESERVE	PW-PL-RESE
265	PWT-RELATIVE-REC-NUMBER	
266	PWT-ID	
267	PWT-MAILING-NAME	
268	PWT-MAILING-STREET	
269	PWT-MAILING-CITY	
270*	PWT-MAILING-STATE	
271	PWT-MAILING-ZIP-CODE	
272	PWT-MAILING-AREA-CODE	
273	PWT-MAILING-PHONE-NUMBER	
274	PWT-STATE-REGION	
275	PWT-STATE-DISTRICT	
276	PWT-PLANT-TYPE	
277	PWT-PLANT-POPULATION-SERVED	
278	PWT-PLANT-COMPLIANCE-CYCLE	
279	CVT-CARD-CODE	
280	CVT-FILE-ID	
281	CVT-CATALOGUE-NO	
282	CVT-DATA-EL-VALUE	
283	CVT-DATA-LENGTH	
284	CVT-DATA-EL-DESC	
285	DET-CARD-CODE	
286	DET-FILE-ID	
287	DET-CATALOGUE-NO	
288	DET-START-POSITION	
289	DET-FILE-START-POSITION	
290	DET-DATA-LENGTH	
291	DET-INPUT-LENGTH	
292	DET-MNEMONIC-NAME	
293	DET-HISTORY-CODE	
294	EMT-CARD-CODE	
295	EMT-FILE-ID	
296	EMT-ERROR-CODE	
297	EMT-ERROR-MESSAGE	
298	SEF-TRANSACTION	
299	SEF-CATALOGUE-NO	

* COMMON DATA ELEMENT

300	SEF-ERROR-CODE	
301	SHF-FILE-ID	SH-FILE-ID
302	SHF-RECORD-ID	SH-REC-ID
303	SHF-CATALOGUE-NO	SH-CAT-NO
304	SHF-CUR-UPDATE-DATE	SH-CUR-UP
305	SHF-LAST-UPDATE-DATE	SH-LST-UP
306	SHF-OLD-VALUE	SH-OLD-VAL
307	SHF-NEW-VALUE	SH-NEW-VAL
308	OEF-MAX-KEY	
309	OEF-REST-OF-TRAN	
310	PHF-PWS-ID	PH-PWS-ID
311	PHF-CATALOGUE-NO	PH-CAT-NO
312	PHF-CUR-UPDATE-DATE	PH-CUR-UP
313	PHF-PLANT-OWNER-NAME	PH-PW-NAME
314	PHF-STATE-REGION	PH-S-REGN
315	PHF-STATE-DISTRICT	PH-S-DIST
316	PHF-LAST-UPDATE-DATE	PH-LST-UP
317	PHF-OLD-VALUE	PH-OLD-VAL
318	PHF-NEW-VALUE	PH-NEW-VAL
319	LBT-LAB-ID	LB-ID
320	LBT-CONTAMINANT-GROUP	LB-CONTGRP
321	LBT-OWNER-TYPE	LB-OW-TYPE
322	LBT-LAB-NAME	LB-NAME
323	LBT-EXPIRATION-DATE	LB-EXP-DT
324	LBT-RELATIVE-RECORD	LB-REL-REC
325	LBT-METHOD-COUNT	LB-METHCNT
326	VIF-PWS-ID	VI-PWS-ID
327	VIF-PWS-NAME	VI-PWS-NAM
328	VIF-PWS-TYPE	VI-PWS-TYP
329	VIF-POPULATION	VI-POPULAT
330	VIF-REGULATION-LEVEL	VI-REG-LVL
331*	VIF-CONTAMINANT-ID	VI-CONT-ID
332	VIF-SOURCE-CODE	VI-SRC-CD
333	VIF-LAB-ID	VI-LAB-ID
334	VIF-LAB-NAME	VI-LAB-NAM
335	VIF-SAMPLE-DATE	VI-SPLDATE
336	VIF-SAMPLES-NUM-REQUIRED	VI-SPLREQD
337	VIF-SAMPLES-NUM-TAKEN	VI-SPLTAKN
338	VIF-ANALYSIS-METHOD	VI-AN-METH
339	VIF-ANALYSIS-RESULT	VI-AN-RESL
340	VIF-ANALYSIS-DECIMALS	VI-AN-DEC
341	VIF-ANALYSIS-DATE	VI-ANDATE
342	VIF-SAMPLING-CUTOFF-DATE	VI-SAMPLCT
343*	VIF-VIOLATION-TYPE	VI-VIOL-TP
344	VIF-VIOLATION-DATE	VI-VIOL-DT
345	VIF-MCL-VIOLATED	VI-MCLVIOL
346	VIF-MCL-VIOL-DECIMALS	VI-MCLDEC

* COMMON DATA ELEMENT

347	VIF-SAMPLING-FREQ-VIOL	VI-SPLVIOL
348	VIF-NUM-SAMPLES-VIOL	VI-NUMSPVI
349	VIF-VIOLATION-DURATION	VI-VIOLDUR
350	VIF-NOTIFY-PUBLIC	VI-NOTIPUB
351	VIF-NOTIFY-STATE	VI-NOTISTA
352	VIF-REGION	VI-REGION
353	VIF-DISTRICT	VI-DISTRIC
354	VIF-SAMPLE-TYPE	VI-SPLTYPE
355	VIF-SAMPLE-KEY	VI-SPLKEY
356	SAF-PWS-ID	SA-PWS-ID
357*	SAF-CONTAMINANT-ID	SA-CONID
358	SAF-SAMPLE-ID-CODE	SA-SAMPLID
359	SAF-SAMPLE-TYPE	SA-SAMPLTP
360	SAF-SAMPLE-DATE	SA-SAMPLDT
361	SAF-SAMPLE-TIME	SA-SAMPLTM
362	SAF-SAMPLE-KEY	SA-SAMPLKY
363	SAF-RECORD-TYPE	SA-RECDTYP
364	SAF-PWS-TYPE	SA-PWS-TYP
365	SAF-POPULATION-SERVED	SA-POP-SRV
366	SAF-SOURCE-CODE	SA-SOURCE
367	SAF-ANALYSIS-METHOD	SA-AN-METH
368	SAF-LAB-ID	SA-LAB-ID
369	SAF-LAB-OWNER-TYPE	SA-LAB-OWN
370	SAF-DETL-ANALYSIS-RESULT	SA-D-ANRSL
371	SAF-DETL-ANALYSIS-DECIMALS	SA-D-ANDEC
372	SAF-DETL-ANALYSIS-DATE	SA-D-ANDTE
373	SAF-SUMM-HIGHEST-RESULT	SA-S-HIRSL
374	SAF-SUMM-HIGH-DECIMALS	SA-S-HIDEC
375	SAF-SUMM-LOWEST-RESULT	SA-S-LORSL
376	SAF-SUMM-LOW-DECIMALS	SA-S-LODEC
377	SAF-SUMM-MEAN-RESULT	SA-S-MNRSL
378	SAF-SUMM-MEAN-DECIMALS	SA-S-MNDEC
379	SAF-REQUIRED-NUM-SAMPLES	SA-REQ-SPL
380	SAF-ACTUAL-NUM-SAMPLES	SA-ACT-SPL
381	SAF-SAMPLE-PERIOD-START	SA-PRD-STR
382	SAF-SAMPLE-PERIOD-END	SA-PRD-END
383	SAF-REGULAR-SPL-ANALYSIS-DATE	SA-RGLRSPL
384	SAF-SAMPLING-CUTOFF-DATE	SA-SAMPLCT
385	SAF-NEXT-SAMPLE-DUE-DATE	SA-SAMPLDU
386	SAF-AIR-TEMPERATURE	SA-AIR-TMP
387	SAF-CHECK-SAMPLE-FEDERAL	SA-CHK-FED
388	SAF-CHECK-SAMPLE-STATE	SA-CHK-STA
389	SAF-CHECK-SAMPLE-NUMBER	SA-CHK-NUM
390	SAF-VARIANCE-MCL	SA-VAR-MCL
391	SAF-VARIANCE-DECIMALS	SA-VAR-DEC
392	SAF-FEDERAL-VIOLATIONS	SA-FED-VIO
393	SAF-STATE-VIOLATIONS	SA-STA-VIO
394	SAF-VIOLATION-DURATION	SA-VIO-DUR
395	SAF-NOTIFIED-PUBLIC	SA-NOTIPUB
396	SAF-NOTIFIED-STATE	SA-NOTISTA
397	SAF-MCL-VIOL-FLAG	SA-MCLVIFL

* COMMON DATA ELEMENT

398	SAF-MCL-VIOL-F-VALUE	SA-MCLVFVL
399	PSF-PWS-ID	PS-PWS-ID
400*	PSF-CONTAMINANT-ID	PS-CONID
401	PSF-SAMPLE-ID-CODE	PS-SAMPLID
402	PSF-SAMPLE-TYPE	PS-SAMPLTP
403	PSF-SAMPLE-DATE	PS-SAMPLDT
404	PSF-SAMPLE-TIME	PS-SAMPLTM
405	PSF-SAMPLE-KEY	PS-SAMPLKY
406	PSF-RECORD-TYPE	PS-RECDTYP
407	PSF-ANALYSIS-METHOD	PS-AN-METH
408	PSF-LAB-ID	PS-LAB-ID
409	PSF-DETL-ANALYSIS-RESULT	PS-D-ANRSL
410	PSF-DETL-ANALYSIS-DECIMALS	PS-D-ANDEC
411	PSF-DETL-ANALYSIS-DATE	PS-D-ANDTE
412	PSF-SUMM-HIGHEST-RESULT	PS-S-HIRSL
413	PSF-SUMM-HIGH-DECIMALS	PS-S-HIDEC
414	PSF-SUMM-LOWEST-RESULT	PS-S-LORSL
415	PSF-SUMM-LOW-DECIMALS	PS-S-LODEC
416	PSF-SUMM-MEAN-RESULT	PS-S-MNRSL
417	PSF-SUMM-MEAN-DECIMALS	PS-S-MNDEC
418	PSF-REQUIRED-NUM-SAMPLES	PS-REQ-SPL
419	PSF-ACTUAL-NUM-SAMPLES	PS-ACT-SPL
420	PSF-SAMPLE-PERIOD-START	PS-PRD-STR
421	PSF-SAMPLE-PERIOD-END	PS-PRD-END
422	PSF-CHECK-SAMPLE-FEDERAL	PS-CHK-FED
423	PSF-CHECK-SAMPLE-STATE	PS-CHK-STA
424	PSF-CHECK-SAMPLE-NUMBER	PS-CHK-NUM
425	PSF-FEDERAL-VIOLATIONS	PS-FED-VIO
426	PSF-STATE-VIOLATIONS	PS-STA-VIO
427	PSF-VIOLATION-DURATION	PS-VIO-DUR
428	PSF-NOTIFIED-PUBLIC	PS-NOTIPUB
429	PSF-NOTIFIED-STATE	PS-NOTISTA
433	VIF-EAF-ACTION-DATE	VI-EA-DATE
448	VIF-CASE-ABSTRACT	VI-ABSTRAC
449	VIF-EAF-STATUS	VI-EA-STAT
453	VIF-MILESTONE-DATE	VI-EA-MLDT
454*	VIF-MILESTONE-CODE	VI-EA-MLCD
455	VEF-ID	VE-ID
456	VEF-REVISED-ID-REFERENCE	VE-ID-REF
457	VEF-PWS-ID	VE-PWS-ID
458	VEF-VE-TYPE	VE-TYPE
459	VEF-EFFECTIVE-DATE	VE-EFF-DT
460	VEF-EXPIRATION-DATE	VE-EXP-DT
461	VEF-STATUS-CODE	VE-STATUS
462*	VEF-CONTAMINANT-ID	VE-CON-ID
463	VEF-MODIFIED-MCL	VE-MOD-MCL
464	VEF-MODIFIED-MCL-DEC	VE-MOD-DEC
465	VEF-TREATMENT-CODE	VE-TREAT
466	VEF-ALTERNATE-TREATMENT	VE-ALT-TRT

* COMMON DATA ELEMENT

467	VEF-MODIFIED-FREQUENCY	VE-MOD-FRE
468	VEF-CASE-ABSTRACT	VE-ABSTRAC
469	VEF-REASON-CODE	VE-REASON
470	VEF-LAST-UPDATE-DATE	VE-LST-UP
471	VEF-MILESTONE-NO	VE-MISTONE
472	VEF-MILESTONE-REPEAT	VE-REPEAT
473	VEF-TARGET-DATE	VE-TAR-DT
474	VEF-MILESTONE-ATTAINED-DATE	VE-ATT-DT
475*	VEF-MILESTONE-CODE	VE-MIL-COD
476	VEF-DELAY-CODE	VE-DEL-CD
477	VEF-MILESTONE-ABSTRACT	VE-MIL-ABS
478	OMF-ADDRESSEE-ID	OM-ADS-ID
479	OMF-ADDRESSEE-TYPE	OM-ADS-TYP
480	OMF-ADDRESSEE-NAME	OM-ADS-NAM
481	OMF-ADDRESSEE-STREET	OM-ADS-STR
482	OMF-ADDRESSEE-CITY	OM-ADS-CTY
483*	OMF-ADDRESSEE-STATE	OM-ADS-STA
484	OMF-ADDRESSEE-ZIP-CODE	OM-ADS-ZIP
485	OMF-AREA-CODE	OM-AREA-CD
486	OMF-PHONE-NUMBER	OM-PH-NUM
487	OMF-LAST-UPDATE-DATE	OM-LST-UPD
488	OMF-CERTIFICATE-NUMBER	OM-CER-NUM
489	OMF-PWS-ID	OM-PWS-ID
490	OMF-OPERATOR-CLASS	OM-OP-CLS
491	OMF-RENEWAL-DATE	OM-RNL-DT
492	DVF-PWS-ID	
493	DVF-DEVIATION-TYPE	
494	DVF-DEVIATION-ID	
495*	DVF-STATE-CODE	
496	DVF-DEVIATION-CODE	
497	DVF-STATUS-CODE	
498*	DVF-CONTAMINANT-ID	
499	DVF-MODIFIED-MCL	
500	DVF-MODIFIED-MCL-DEC	
501	DVF-TREATMENT-CODE	
502	DVF-ALTERNATE-TREATMENT	
503	DVF-MODIFIED-FREQUENCY	
504	DVF-EXPIRATION-VIOLATION-DATE	
505	DVF-VIOLATION-DURATION	
506*	DVF-MILESTONE-CODE	
507	DVF-TARGET-DATE	
508	DVF-LAB-OWNED-TYPE	
509	DVF-ANALYSIS-METHOD	
510	DVF-ANALYSIS-RESULT	
511	DVF-ANALYSIS-DECIMAL	
512	LBT-HDR-RECORDS-ON-FILE	
513	LBT-HDR-RECORDS-PER-TRACK	
514	PWT-HEADER-NO-OF-RECORDS	

* COMMON DATA ELEMENT

515	PWT-HEADER-RECS-PER-TRK	
516	CSF-PWS-ID	
517*	CSF-CONTAMINANT-ID	
518	CSF-SDF-RSPD-START	
519	CSF-SDF-RSPD-END	
520	CSF-SDF-CSPD-START	
521	CSF-SDF-CSPD-END	
522	CSF-SDS-RSPD-START	
523	CSF-SDS-RSPD-END	
524	CSF-SDS-CSPD-START	
525	CSF-SDS-CSPD-END	
526	CSF-VE-START-DATE	
527	CSF-VE-END-DATE	
528	CSF-VE-MOD-FCI	
529	CSF-VE-ALT-SPLG	
530	CSF-SCHED-START-DATE	
531	CSF-SCHED-END-DATE	
532	CSF-SCHED-NUM-SAMPLES	
533	PCC-PWS-ID	
534	PCC-CONTAM-ID	
535	DVF-ENTRY-POINT-ID	
536	DVF-ENTRY-POINT-VE-MONTHLY-AVG	
537	DVF-ENTRY-POINT-VE-CONSEC-AVG	
555	DVF-SAMPLES-NUM-REQ	
556	DVF-SAMPLES-NUM-TAKEN	
566	PWF-STATE-DATE-OF-PLAN	
567	PWF-STATE-CONTAMINANT-FREQ	
568	PWF-STATE-CONTAMINANT-SAMPLES	
569	PWF-STATE-CONTAMINANT-START	
570	PWF-STATE-CONTAMINANT-END	
571	PWF-STATE-CONTAMINANT-ID	
572	PWF-STATE-I131-FREQ	
590	PWF-STATE-STRAT-FLAG	
701	PWF-PLANT-CONSEC-INDICATOR	PW-PL-CCIN
702*	PWF-STATE-NUCLEAR-FAC-TYPE2	PW-S-FATY2
703	PWT-PLANT-SOURCE-CODE	
705	PWT-HDR-REL-REC	
706	PWT-HDR-NEXT-HDR-RCD	
707	PWT-HDR-RCDS-PER-TRACK	
708	PWT-HDR-FIRST-KEY	
709	PWT-HDR-LAST-KEY	
710	PWT-HDR-NUM-POINTERS	
711	PWT-HDR-LOW-KEY	
712	PWT-HDR-HIGH-KEY	
713	PWT-HDR-RELATIVE-REC	
714	PWT-PNTR-REL-REC	
715	PWT-PNTR-PREV-KEY	

* COMMON DATA ELEMENT

716	PWT-PNTR-NEXT-KEY	
717	PWT-PNTR-NUM-TRAILERS	
718	PWT-PNTR-LOW-KEY	
719	PWT-PNTR-HIGH-KEY	
720	PWT-PNTR-RELATIVE-REC	
721	PWT-INDX-REL-REC	
722	PWT-INDX-PREV-KEY	
723	PWT-INDX-NEXT-KEY	
724	PWT-INDX-NUM-SEGMENTS	
725	PWT-INDX-KEY	
726	PWT-INDX-RELATIVE-REC	
727	PWF-TOTAL-OCCURRENCES-NUMBER	PW-TOT-OCC
728	PWF-ENTRY-POINT-NAME	PW-EP-NAME
729	PWF-ENTRY-POINT-CODE	PW-EP-CODE
730	PWF-ENTRY-POINT-ID	PW-EP-ID
731	PWF-ENTRY-POINT-TURB-FLAG	PW-EP-TFLG
732	PWF-ENTRY-POINT-TURB-UNITS	PW-EP-TBUN
733	PWF-ENTRY-POINT-VE-MNTHLY-AVG	PW-VE-MNTH
734	PWF-ENTRY-POINT-LATITUDE	PW-EP-LATI
735	PWF-ENTRY-POINT-LONGITUDE	PW-EP-LONG
736	PWF-ENTRY-POINT-VE-CONSEC-AVG	PW-EP-CONS
737	PWF-ENTRY-POINT-ALT-MON-FREQ	PW-EP-AMF
738	PWF-STATE-TOTAL-TTHM-SAMPLES	PW-S-TTHMS
739	PWF-STATE-NUMBER-OF-PLANTS	PW-S-NPLNT
740	PWF-STATE-TTHM-FREQ	PW-S-TTHMF
750	RGF-ALFA-DEC-SIGNI	RG-A-DEC-S
751	RGF-BETA-DEC-SIGNI	RG-B-DEC-S
752	RGF-EMIT-DEC-SIGNI	RG-E-DEC-S
753	RGF-FLOR-DEC-SIGNI	RG-F-DEC-S
754	RGF-BACT-MF-DEC-SIGNI	RG-M-MF-DS
755	RGF-BACT-FT-DEC-SIGNI	RG-M-FT-DS
756	RGF-BACT-PH-DEC-SIGNI	RG-M-PH-DS
757	RGF-BACT-CHL-DEC-SIGNI	RG-M-C-DEC
758	RGF-TURB-DEC-SIGNI	RG-T-DEC-S
759	RGF-ENT-CONTAMINANT-ID	RG-N-CONID*
760	RGF-ENT-REG-LEVEL	RG-N-RGLVL
761	RGF-ENT_TABLE-ID	RG-N-TBLID
762	RGF-ENT-ANALYSIS-METHOD	RG-N-ANMET
763	RGF-ENT_LC-LEVEL	RG-N-LCLVL
764	RGF-ENT-LC-DECIMALS	RG-N-LCDEC
765	RGF-ENT-BC-LEVEL	RG-N-BCLVL
766	RGF-ENT-BC-DECIMALS	RG-N-BCDEC
767	RGF-ENT-UC-LEVEL	RG-N-UCLVL
768	RGF-ENT-UC-DECIMALS	RG-N-UCDEC
769	RGF-ENT-CONTAM-NAME	RG-N-CNAME
800	VIF-DATE-LAST-REPORT	VI-DT-RPT
801	VIF-TIME-SINCE-LAST-REPORT	VI-LST-RPT
802	VIF-LAB-OWNER-TYPE	VI-LAB-OWN
803	VIF-VIOLATION-ID	VI-VIOL-ID

* COMMON DATA ELEMENT

804	VIF-LAST-UPDATE	VI-LSTUPDT
806	VIF-MCL-VIOL-SAMPL-START-DATE	VI-MCLVSSD
807	SAF-R-REGION	SA-REGION
808	SAF-R-DISTRICT	SA-DISTRIC
809	SAF-MCL-VIOL-P-DECIMALS	SA-MCLVPDC
810	SAF-MCL-VIOL-S-VALUE	SA-MCLVSVI
811	SAF-MCL-VIOL-S-DECIMALS	SA-MCLVSDC
812	SAF-MCL-VIOL-SAMPLE-START-DATE	SA-MCLVSSD
813	SAF-FL-FED-USED-FOR-COMP	SA-FL-FUFC
814	SAF-FL-STATE-USED-FOR-COMP	SA-FL-SUFC
815	SAF-FED-SSC	SA-F-SSC
816	SAF-STATE-SSC	SA-S-SSC
817	PSF-TRANSACTION-CODE	PS-TRAN-CD
818	PSF-ERROR-INDICATOR	PS-ERR-IND
819	PSF-LAB-OWNER-TYPE	PS-LAB-OWN
820	LBT-ANALYSIS-METHOD	LB-METHOD
821	CSF-7E-MOD-MCL-DEC	
822	LBT-HDR-REL-REC	
823	LBT-HDR-NEXT-HDR-RCD	
824	LBT-HDR-RCDS-PER-TRACK	
825	LBT-HDR-FIRST-LAB	
826	LBT-HDR-FIRST-GRP	
827	LBT-HDR-LAST-LAB	
828	LBT-HDR-LAST-GRP	
829	LBT-HDR-NUM-POINTERS	
830	LBT-HDR-LOW-LAB	
831	LBT-HDR-LOW-GRP	
832	LBT-HDR-HIGH-LAB	
833	LBT-HDR-HIGH-GRP	
834	LBT-HDR-RELATIVE-REC	
835	LBT-PNTR-REL-REC	
836	LBT-PNTR-PREV-LAB	
837	LBT-PNTR-PREV-GRP	
838	LBT-PNTR-NEXT-LAB	
839	LBT-PNTR-NEXT-GRP	
840	LBT-PNTR-NUM-TRAILERS	
841	LBT-PNTR-LOW-LAB	
842	LBT-PNTR-LOW-GRP	
843	LBT-PNTR-HIGH-LAB	
844	LBT-PNTR-HIGH-GRP	
845	LBT-PNTR-RELATIVE-REC	
846	LBT-IDX-REL-REC	
847	LBT-IDX-PREV-LAB	
848	LBT-IDX-PREV-GRP	
849	LBT-IDX-NEXT-LAB	
850	LBT-IDX-NEXT-GRP	
851	LBT-IDX-NUM-SEGMENTS	

* COMMON DATA ELEMENT

852	LBT-INDX-LAB	
853	LBT-INDX-GRF	
854	LBT-INDX-RELATIVE-REC	
855	VIFI-TR03-CARD-NO	VI-CRD3-NO
856	VIFI-TR04-DELETE-STATUS	VI-ACT-DEL
857 *	VIFI-TR04-DELETE-MILESTONE	VI-MSD-DEL
860	VEF-ENTRY-POINT-ID	VE-EP-ID
861	VEF-ENTRY-POINT-MNTHLY-AVG	VE-EP-MNTH
862	VEF-ENTRY-POINT-CONSEC-AVG	VE-EP-CONS
900	PSF-SAMPLE-TYPE	PS-SMPLTP
901	PSF-SAMPLE-DATE	PS-SMPLDT
902	PSF-LAB-ID	PS-LB-ID
903	OMF-TRAN-CODE01	OM-TRAN-CD
905	VEFI-TRAN-CODE00	VE-TRAN-CD
906	PWFI-TRAN-CODE0-98-99	PW-TRAN-CD
908	OMFI-CREATE-DELE-FLAG	OM-CRDT-CD
909	VEFI-CREATE-DELE-FLAG	VE-CRDT-CD
910	PWFI-TRAN-CHECK	PW-CRDT-CD
912	PWFI-TRAN-CHECK	PW-OCCUP1
913	PWFI-TRAN-CODE0-98-99	PW-OCCUP2
914	RGI-CHM1-CARD-CODE	TRAN-CODE
915	VIFI-TR00-TRANSACTION-CODE	VI-TRAN-CD
916	VIFI-TR00-CREATE-DELETE-FLAG	VI-CRDT-CD
917	SAFI-S-TRANSACTION-CODE	SA-TRAN-CD
918	PSF-ENTRY-POINT-ID	PS-EP-ID
919	VIF-ENTRY-POINT-NAME	VI-EP-NAME
920	VIF-ENTRY-POINT-ID	VI-EP-ID
921	PSF-LOCATION-NAME	PS-LOCNM
922	PSF-BAC-TURE-COMMENTS	PS-COMMENT
923	CVT-CONTAMINANT-TYPE	
924	PSF-RADS-LOWEST-RESULT	PS-R-LORSL
925	PSF-RADS-LOW-DECIMALS	PS-R-LODEC
926	PSF-RADS-LOW-RESULT-SIGN	PS-R-LSIGN
927	PSF-RADS-HIGHEST-RESULT	PS-R-HIRSL
928	PSF-RADS-HIGH-DECIMALS	PS-R-HIDEC

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929	PSF-RADS-HIGH-RESULT-SIGN	PS-R-HSIGN
930	PSF-DETL-ANAL-RESULT-SIGN	PS-D-ASIGN
931	PSF-RADS-ANAL-RESULT-PRECISION	PS-R-APREC
932	PSF-SAMPLE-ID-CODE	PS-SAMP9ID
933	PSF-SAMPLE-TYPE	PS-SAMP9TP
934	PSF-SAMPLE-DATE	PS-SAMP9DT
935 *	PSF-SAMPLE-TIME	PS-SAMP9TM
936	PSF-LAB-ID	PS-LB9-ID
937	PSF-DETL-ANALYSIS-RESULT	PS-9-ANRSL
938	PSF-DETL-ANALYSIS-DECIMALS	PS-9-ANDEC
939	PSF-DETL-ANALYSIS-DATE	PS-9-ANDTE
940	SAF-RADS-LOWEST-RESULT	SA-R-LORSL
941	SAF-RADS-LOW-DECIMALS	SA-R-LODEC
942	SAF-RADS-LOW-RESULT-SIGN	SA-R-LSIGN
943	SAF-RADS-HIGHEST-RESULT	SA-R-HIRSL
944	SAF-RADS-HIGH-DECIMALS	SA-R-HIDEC
945	SAF-RADS-HIGH-RESULT-SIGN	SA-R-HSIGN
946	SAF-DETL-ANAL-RESULT-SIGN	SA-D-ASIGN
947	SAF-RADS-ANAL-RESULT-PRECISION	SA-R-APREC

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ELEMENT NAME	MNEMONIC	CAT. NO.
CSF-CONTAMINANT-ID		517*
CSF-PWS-ID		516
CSF-SCHED-END-DATE		531
CSF-SCHED-NUM-SAMPLES		532
CSF-SCHED-START-DATE		530
CSF-SDF-CSPD-END		521
CSF-SDF-CSPD-START		520
CSF-SDF-RSPD-END		519
CSF-SDF-RSPD-START		518
CSF-SDS-CSPD-END		525
CSF-SDS-CSPD-START		524
CSF-SDS-RSPD-END		523
CSF-SDS-RSPD-START		522
CSF-VE-ALT-SPLG		529
CSF-VE-END-DATE		527
CSF-VE-MOD-MCL		528
CSF-VE-MOD-MCL-DEC		821
CSF-VE-START-DATE		526
CVT-CARD-CODE		279
CVT-CATALOGUE-NO		281
CVT-CONTAMINANT-TYPE		923
CVT-DATA-EL-DESC		284
CVT-DATA-EL-VALUE		282
CVT-DATA-LENGTH		283
CVT-FILE-ID		280
DET-CATALOGUE-NO		287
DET-CARD-CODE		285
DET-DATA-LENGTH		290
DET-FILE-ID		286
DET-FILE-START-POSITION		289
DET-HISTORY-CODE		293
DET-INPUT-LENGTH		291
DET-MNEMONIC-NAME		292
DET-START-POSITION		288
DVF-ALTERNATE-TREATMENT		502
DVF-ANALYSIS-DECIMAL		511
DVF-ANALYSIS-METHOD		509
DVF-ANALYSIS-RESULT		510
DVF-CONTAMINANT-ID		498*
DVF-DEVIATION-CODE		496
DVF-DEVIATION-ID		494
DVF-DEVIATION-TYPE		493
DVF-ENTRY-POINT-ID		535
DVF-ENTRY-POINT-VE-CONSEC-AVG		537
DVF-ENTRY-POINT-VE-MONTHLY-AVG		536

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DVP-EXPIRATION-VIOLATION-DATE		504
DVP-LAB-OWNER-TYPE		508
DVP-MILESTONE-CODE		506 *
DVP-MODIFIED-FREQUENCY		503
DVP-MODIFIED-MCL		499
DVP-MODIFIED-MCL-DEC		500
DVP-PWS-ID		492
DVP-SAMPLES-NUM-REQ		555
DVP-SAMPLES-NUM-TAKEN		556
DVP-STATE-CODE		495*
DVP-STATUS-CODE		497
DVP-TARGET-DATE		507
DVP-TREATMENT-CODE		501
DVP-VIOLATION-DURATION		505
EMT-CARD-CODE		294
EMT-ERROR-CODE		296
EMT-ERROR-MESSAGE		297
EMT-FILE-ID		295
LBT-ANALYSIS-METHOD	LB-METHOD	820
LBT-CONTAMINANT-GROUP	LB-CONTGRP	320
LBT-EXPIRATION-DATE	LB-EXP-DT	323
LBT-HDR-FIRST-GRP		826
LBT-HDR-FIRST-LAB		825
LBT-HDR-HIGH-GRP		833
LBT-HDR-HIGH-LAB		832
LBT-HDR-LAST-GRP		828
LBT-HDR-LAST-LAB		827
LBT-HDR-LOW-GRP		831
LBT-HDR-LOW-LAB		830
LBT-HDR-NEXT-HDR-RCD		823
LBT-HDR-NUM-POINTERS		829
LBT-HDR-RECORDS-ON-FILE		512
LBT-HDR-RECORDS-PER-TRACK		513
LBT-HDR-REL-REC		822
LBT-HDR-RELATIVE-REC		834
LBT-HDR-RCDS-PER-TRACK		824
LBT-INDX-GRP		853
LBT-INDX-LAB		852
LBT-INDX-NEXT-GRP		850
LBT-INDX-NEXT-LAB		849
LBT-INDX-NUM-SEGMENTS		851
LBT-INDX-PREV-GRP		848
LBT-INDX-PREV-LAB		847
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LBT-LAB-ID	LB-ID	319
LBT-LAB-NAME	LB-NAME	322
LBT-METHOD-COUNT	LB-METHCNT	325
LBT-OWNER-TYPE	LB-OW-TYPE	321
LBT-PNTR-HIGH-GRP		844

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LBT-PNTR-HIGH-LAB		843
LBT-PNTR-LOW-GRP		842
LBT-PNTR-LOW-LAB		841
LBT-PNTR-NEXT-GRP		839
LBT-PNTR-NEXT-LAB		838
LBT-PNTR-NUM-TRAILERS		840
LBT-PNTR-PREV-GRP		837
LBT-PNTR-PREV-LAB		836
LBT-PNTR-REL-REC		835
LBT-PNTR-RELATIVE-REC		845
LBT-RELATIVE-RECORD		324
OEF-MAX-KEY		308
OEF-REST-OF-TRAN		309
OMF-ADDRESSEE-CITY	OM-ADS-CTY	482
OMF-ADDRESSEE-ID	OM-ADS-ID	478
OMF-ADDRESSEE-NAME	OM-ADS-NAM	430
OMF-ADDRESSEE-STATE	OM-ADM-STA	483*
OMF-ADDRESSEE-STREET	OM-ADS-STR	481
OMF-ADDRESSEE-TYPE	OM-ADS-TYP	479
OMF-ADDRESSEE-ZIP-CODE	OM-ADS-ZIP	484
OMF-AREA-CODE	OM-AREA-CD	485
OMF-CERTIFICATE-NUMBER	OM-CER-NUM	488
OMF-LAST-UPDATE-DATE	OM-LST-UPD	487
OMF-OPERATOR-CLASS	OM-OM-CLS	490
OMF-PHONE-NUMBER	OM-PH-NUM	486
OMF-PWS-ID	OM-PWS-ID	489
OMF-RENEWAL-DATE	OM-RNL-DT	491
OMF-TRAN-CODE01	OM-TRAN-CD	903
OMFI-CREATE-DELF-FLAG	OM-CRDT-CD	908
PCC-CONTAM-ID		534
PCC-PWS-ID		533
PHF-CATALOGUE-NO	PH-CAT-NO	311
PHF-CUR-UPDATE-DATE	PH-CUR-UP	312
PHF-LAST-UPDATE-DATE	PH-LST-UP	316
PHF-NEW-VALUE	PH-NEW-VAL	318
PHF-OLD-VALUE	PH-OLD-VAL	317
PHF-PLANT-OWNER-NAME	PH-PW-NAME	313
PHF-PWS-ID	PH-PWS-ID	310
PHF-STATE-DISTRICT	PH-S-DIST	315
PHF-STATE-REGION	PH-S-REGN	314
PSF-ACTUAL-NUM-SAMPLES	PS-ACT-SPL	419
PSF-ANALYSIS-METHOD	PS-AN-METH	407
PSF-BAC-TURB-COMMENTS	PS-COMMENT	922
PSF-CHECK-SAMPLE-FEDERAL	PS-CHK-FED	422
PSF-CHECK-SAMPLE-NUMBER	PS-CHK-NUM	424
PSF-CHECK-SAMPLE-STATE	PS-CHK-STA	423
PSF-CONTAMINANT-ID	PS-CONID	400*
PSF-DETL-ANALYSIS-DATE	PS-D-ANDTE	411

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PSF-DETL-ANALYSIS-DATE	PS-9-ANDTE	939
PSF-DETL-ANALYSIS-DECIMALS	PS-D-ANDEC	410
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PSF-DETL-ANALYSIS-RESULT	PS-D-ANRSL	409
PSF-DETL-ANALYSIS-RESULT	PS-9-ANRSL	937
PSF-DETL-ANAL-RESULT-SIGN	PS-D-ASIGN	930
PSF-ENTRY-POINT-ID	PS-EP-ID	918
PSF-ERROR-INDICATOR	PS-ERR-IND	818
PSF-FEDERAL-VIOLATIONS	PS-FED-VIO	425
PSF-LAB-ID	PS-LAB-ID	408
PSF-LAB-ID	PS-LB-ID	902
PSF-LAB-ID	PS-LB9-ID	936
PSF-LAB-OWNER-TYPE	PS-LAB-OWN	819
PSF-LOCATION-NAME	PS-LOCNM	921
PSF-NOTIFIED-PUBLIC	PS-NOTIPUB	428
PSF-NOTIFIED-STATE	PS-NOTISTA	429
PSF-RADS-ANAL-RESULT-PRECISION	PS-D-APREC	931
PSF-PWS-ID	PS-PWS-ID	399
PSF-RADS-HIGHEST-RESULT	PS-R-HIRSL	927
PSF-RADS-HIGH-DECIMALS	PS-R-HIDEC	928
PSF-RADS-HIGH-RESULT-SIGN	PS-R-HSIGN	929
PSF-RADS-LOWEST-RESULT	PS-R-LORSL	924
PSF-RADS-LOW-DECIMALS	PS-R-LODEC	925
PSF-RADS-LOW-RESULT-SIGN	PS-R-LSIGN	926
PSF-RECORD-TYPE	PS-RECDTYP	406
PSF-REQUIRED-NUM-SAMPLES	PS-REQ-SPL	418
PSF-SAMPLE-DATE	PS-SAMPLDT	403
PSF-SAMPLE-DATE	PS-SMPLDT	901
PSF-SAMPLE-DATE	PS-SAMP9DT	934
PSF-SAMPLE-ID-CODE	PS-SAMPLID	401
PSF-SAMPLE-ID-CODE	PS-SAMP9ID	932
PSF-SAMPLE-KEY	PS-SAMPLKY	405
PSF-SAMPLE-PERIOD-END	PS-PRD-END	421
PSF-SAMPLE-PERIOD-START	PS-PRD-STR	420
PSF-SAMPLE-TIME	PS-SAMPLTM	404
PSF-SAMPLE-TIME	PS-SAMP9TM	935
PSF-SAMPLE-TYPE	PS-SAMPLTP	402
PSF-SAMPLE-TYPE	PS-SMPLTP	900
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PSF-SUMM-HIGHEST-RESULT	PS-S-HIRSL	412
PSF-SUMM-LOW-DECIMALS	PS-S-LODEC	415
PSF-SUMM-LOWEST-RESULT	PS-S-LORSL	414
PSF-SUMM-MEAN-DECIMALS	PS-S-MNDEC	417
PSF-SUMM-MEAN-RESULT	PS-S-MNRSL	416
PSF-TRANSACTION-CODE	PS-TRAN-CD	817
PSF-VIOLATION-DURATION	PS-VIO-DUR	427
PWF-ENTRY-POINT-ALT-MON-FREQ	PW-EP-AMF	737
PWF-ENTRY-POINT-CODE	PW-EP-CODE	729
PWF-ENTRY-POINT-ID	PW-EP-ID	730

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PWF-ENTRY-POINT-LATITUDE	PW-EP-LATI	734
PWF-ENTRY-POINT-LONGITUDE	PW-EP-LONG	735
PWF-ENTRY-POINT-NAME	PW-EP-NAME	723
PWF-ENTRY-POINT-TURB-FLAG	PW-EP-TFLG	731
PWF-ENTRY-POINT-TURB-UNITS	PW-EP-TRUN	732
PWF-ENTRY-POINT-VE-CONSEC-AVG	PW-EP-CONS	736
PWF-ENTRY-POINT-VE-MNTHLY-AVG	PW-EP-MNTH	733
PWF-ID	PW-ID	145
PWF-LAB-CAPTIVE-FLAG	PW-LA-CFLG	236
PWF-LAB-ID	PW-LA-ID	235
PWF-LAST-UPDATE-DATE	PW-LST-UP	234
PWF-MAILING-AREA-CODE	PW-MA-ARCO	156
PWF-MAILING-CITY	PW-MA-CITY	153
PWF-MAILING-NAME	PW-MA-NAME	151
PWF-MAILING-PHONE-NUMBER	PW-MA-PNUM	157
PWF-MAILING-STATE	PW-MA-STAT	154*
PWF-MAILING-STREET	PW-MA-STRT	152
PWF-MAILING-ZIP-CODE	PW-MA-ZIP	155
PWF-OWNER-TYPE	PW-OW-TYPE	237
PWF-PLANT-ACTIVITY	PW-PL-ACTV	194
PWF-PLANT-AERATION	PW-PL-AERA	251
PWF-PLANT-AIRPORT	PW-PL-AIR	178
PWF-PLANT-AMMONIATION	PW-PL-AMMO	260
PWF-PLANT-AREA-CITY-NAME	PW-PL-ACTY	158
PWF-PLANT-AREA-COUNTY-CODE	PW-PL-ACNT	159
PWF-PLANT-AVAILABILITY	PW-PL-AVAL	246
PWF-PLANT-AVERAGE-PRODUCTION	PW-PL-AVPR	186
PWF-PLANT-BASIN-NUMBER	PW-PL-BASN	247
PWF-PLANT-BATHING	PW-PL-BATH	175
PWF-PLANT-BEGIN-DATE	PW-PL-BEGN	191
PWF-PLANT-CAMPGROUND	PW-PL-CAMP	170
PWF-PLANT-CITY	PW-PL-CITY	148
PWF-PLANT-COAGULATION	PW-PL-COAG	253
PWF-PLANT-COMPANY-TOWN	PW-PL-COMP	162
PWF-PLANT-COMPLIANCE-CYCLE	PW-PL-CYCL	193
PWF-PLANT-CONSEC-INDICATOR	PW-PL-COIN	701
PWF-PLANT-CONSECUTIVE-NUM-PWS	PW-PL-CNUM	180
PWF-PLANT-CORROSION-CNTRL	PW-PL-CORR	256
PWF-PLANT-DEACTIVATION-DATE	PW-PL-DDAT	195
PWF-PLANT-DEACTIVATION-REASON	PW-PL-DREA	196
PWF-PLANT-DESIGN-CAPACITY	PW-PL-DECA	187
PWF-PLANT-DISINFECTION	PW-PL-DISI	262
PWF-PLANT-EMERGENCY-POWER	PW-PL-EMER	188
PWF-PLANT-FILTRATION	PW-PL-FILT	255
PWF-PLANT-FLUORIDE-ADJUSTMENT	PW-PL-FLCP	261
PWF-PLANT-HWY-REST-AREA	PW-PL-HWY	177
PWF-PLANT-INDIAN-RESERVATION	PW-PL-RESR	160
PWF-PLANT-INSTITUTION	PW-PL-INST	165
PWF-PLANT-INTERSTATE-CARRIER	PW-PL-CARR	181
PWF-PLANT-IRON-REMOVAL	PW-PL-IRON	259
PWF-PLANT-LAST-SURVEY-DATE	PW-PL-SURV	192
PWF-PLANT-LATITUDE	PW-PL-LATI	248

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PWF-PLANT-LONGITUDE	PW-PL-LONG	249
PWF-PLANT-MANUAL-FILE	PW-PL-MANF	197
PWF-PLANT-MARINA	PW-PL-MARI	173
PWF-PLANT-MAX-PRODUCTION	PW-PL-MAXP	190
PWF-PLANT-METERS-NUMBER	PW-PL-MNUM	185
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PWF-PLANT-MOTEL	PW-PL-MOTL	167
PWF-PLANT-NUM-OF-WELLS	PW-PL-WELL	245
PWF-PLANT-OTHER-AREA	PW-PL-OTHR	179
PWF-PLANT-OTHER-TREATMENT	PW-PL-OTHE	263
PWF-PLANT-OWNER-NAME	PW-OWNA	146
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PWF-PLANT-POPULATION-SERVED	PW-PL-POPL	183
PWF-PLANT-PRECHLORINATION	PW-PL-PREC	252
PWF-PLANT-RECREATION	PW-PL-RECR	163
PWF-PLANT-RESERVE	PW-PL-RESE	264
PWF-PLANT-RESIDENTIAL	PW-PL-RESI	161
PWF-PLANT-RESTAURANT	PW-PL-REST	168
PWF-PLANT-SCHOOL	PW-PL-SCHL	166
PWF-PLANT-SEDIMENTATION	PW-PL-SEDI	254
PWF-PLANT-SELLER-ID	PW-PL-SLID	250
PWF-PLANT-SERVICE-STATION	PW-PL-SSTA	169
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PWF-PLANT-SKI-RESORT	PW-PL-SKI	174
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PWF-PLANT-SOURCE-CODE	PW-PL-SOCO	244
PWF-PLANT-SOURCE-NAME	PW-PL-SONA	243
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PWF-PLANT-STATE	PW-PL-STAT	149
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PWF-PLANT-STREET	PW-PL-STRT	147
PWF-PLANT-TASTE-ODOR	PW-PL-TAST	258
PWF-PLANT-TYPE	PW-PL-TYPE	182
PWF-PLANT-VISITOR-CENTER	PW-PL-VCTR	176
PWF-PLANT-ZIP-CODE	PW-PL-ZIP	150
PWF-STATE-AIR-TEMPERATURE	PW-S-ATEM	217
PWF-STATE-BACTERIOLOGICAL-FLG	PW-S-BFLG	202
PWF-STATE-BETA-FREQ-MONTHS	PW-S-BETA	221
PWF-STATE-CHLORINE	PW-S-CLOR	210
PWF-STATE-CONTAMINANT-END	PW-S-CEND	570
PWF-STATE-CONTAMINANT-FREQ	PW-S-CFREQ	567
PWF-STATE-CONTAMINANT-ID	PW-S-CTAM	571
PWF-STATE-CONTAMINANT-SAMPLES	PW-S-CSPLS	568
PWF-STATE-CONTAMINANT-START	PW-S-CSTRT	569
PWF-STATE-DATE-OF-PLAN	PW-S-PLAN	566
PWF-STATE-DISTRICT	PW-S-DIST	201
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PWF-STATE-I131-FREQ	PW-S-IFREQ	572
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PWF-STATE-NUCLEAR-FAC-TYPE2	PW-S-FATY2	702*
PWF-STATE-NUCLEAR-FACILITY	PW-S-NUCL	222
PWF-STATE-NUMBER-OF-PLANTS	PW-S-NPLNT	739
PWF-STATE-NUM-SAMPLES-PER-YR	PW-S-NUMSP	228
PWF-STATE-ORGANIC-BEGIN-PERIOD	PW-S-ORBGN	215
PWF-STATE-ORGANIC-END-PERIOD	PW-S-OREND	216
PWF-STATE-POSTAL-CODE	PW-S-CODE	198*
PWF-STATE-RADIOACTIVE-FLAG	PW-S-RFLG	219
PWF-STATE-RADIOACTIVE-MONITOR	PW-S-RMON	220
PWF-STATE-REGION	PW-S-REGN	200
PWF-STATE-REGULATE-BY	PW-S-RFGE	199
PWF-STATE-REPORT-REQUIRED	PW-S-RRFQ	230
PWF-STATE-RESERVE-FOR-STATE	PW-S-RESV	233
PWF-STATE-SEASON-BEGIN	PW-S-SBGN	205
PWF-STATE-SEASON-END	PW-S-SEND	206
PWF-STATE-STRAT-FLAG	PW-S-FLAG	590
PWF-STATE-TOTAL-TTHM-SAMPLES	PW-S-TTHMS	738
PWF-STATE-TTHM-FREQ	PW-S-TTHMF	740
PWF-STATE-TURBIDITY-FLAG	PW-S-TFLG	211
PWF-STATE-TURBIDITY-UNITS	PW-S-TBUN	212
PWF-TOTAL-OCCURANCES-NUMBER	PW-TOT-OCC	727
PWF-VAEX-ALT-MONITOR-FREQ	PW-VE-AMF	241
PWF-VAEX-CONTAMINANT-ID	PW-VE-CTAM	238*
PWF-VAEX-MODIFIED-MCL	PW-VE-MCL	239
PWF-VAEX-MODIFIED-MCL-DEC	PW-VE-DEC	240
PWFI-TRAN-CHECK	PW-CRDT-CD	910
PWFI-TRAN-CHECK	PW-OCCUR1	912
PWFI-TRAN-CODE0-98-99	PW-OCCUR2	913
PWFI-TRAN-CODE0-98-99	PW-TRAN-CD	906

PWT-HDR-FIRST-KEY		708
PWT-HDR-HIGH-KEY		712
PWT-HDR-LAST-KEY		709
PWT-HDR-LOW-KEY		711
PWT-HDR-NEXT-HDR-RCD		706
PWT-HDR-NUM-POINTERS		710
PWT-HDR-RCDS-PER-TRACK		707
PWT-HDR-REL-REC		705
PWT-HDR-RELATIVE-REC		713
PWT-HEADER-NO-OF-RECORDS		514
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PWT-INDI-NUM-SEGMENTS		724
PWT-INDI-PREV-KEY		722
PWT-INDI-REL-REC		721
PWT-INDI-RELATIVE-REC		726
PWT-MAILING-AREA-CODE		272
PWT-MAILING-CITY		269
PWT-MAILING-NAME		267
PWT-MAILING-PHONE-NUMBER		273
PWT-MAILING-STATE		270*
PWT-MAILING-STREET		268
PWT-MAILING-ZIP-CODE		271
PWT-PLANT-COMPLIANCE-CYCLE		278
PWT-PLANT-POPULATION-SERVED		277
PWT-PLANT-SOURCE-CODE		703
PWT-PLANT-TYPE		276
PWT-PNTR-HIGH-KEY		719
PWT-PNTR-LOW-KEY		718
PWT-PNTR-NEXT-KEY		716
PWT-PNTR-NUM-TRAILERS		717
PWT-PNTR-PREV-KEY		715
PWT-PNTR-REL-REC		714
PWT-RELATIVE-REC		720
PWT-RELATIVE-REC-NUMBER		265
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PWT-STATE-REGION		274
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RGF-ALFA-COM-NONCOMM-BOTH	RG-A-CNCCB	017
RGF-ALFA-CONTAM-NAME	RG-A-CONAM	003
RGF-ALFA-CONTAMINANT-ID	RG-CONID	001*
RGF-ALFA-DEC-SIGNI	RG-A-DEC-S	750
RGF-ALFA-EFFECTIVE-DATE	RG-A-EFFDT	004
RGF-ALFA-FRACTION-MCL-SUBSTITU	RG-A-FRACT	014
RGF-ALFA-INITL-MONITOR-PERIOD	RG-A-INIPD	013
RGF-ALFA-MAX-GA-WITH-R228	RG-A-GAI28	008
RGF-ALFA-MAX-GA-WITHOUT-R228	RG-A-GAO28	007
RGF-ALFA-MAX-R226-ANNUAL-MONIT	RG-A-R6ANM	010
RGF-ALFA-MAX-R226-FOR-R228	RG-A-R6FR8	009
RGF-ALFA-MCL-COMBINED-RADIUM	RG-A-M-CMR	006
RGF-ALFA-MCL-GROSS-ALPHA	RG-A-M-GRA	005
RGF-ALFA-MIN-NORM-MONITOR-FREQ	RG-A-MINFQ	012
RGF-ALFA-MIN-VIOL-MONITOR-FREQ	RG-A-MINVF	015
RGF-ALFA-NUM-SAMPLES-PER-YEAR	RG-A-NUMSP	011
RGF-ALFA-REGU-LEVEL	RG-A-RGLVL	002
RGF-BACT-CHK-MIN-DAILY-SAMPLES	RG-M-CKCDS	116
RGF-BACT-CHK-MIN-MEMBRANE-FILT	RG-M-CKMCB	118
RGF-BACT-CHK-MIN-NEG-PORTIONS	RG-M-CKMNP	117
RGF-BACT-CHL-DEC-SIGNI	RG-M-C-DEC	757
RGF-BACT-CHL-MAX-PRECENT	RG-M-C-MXP	120
RGF-BACT-CHL-MAX-TIME-RETEST	RG-M-C-MXT	122
RGF-BACT-CHL-MIN-CHLORINE-LVL	RG-M-C-MCL	121
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* COMMON DATA ELEMENT

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RGF-BACT-CONTAM-NAME	RG-M-CONAM	097
RGF-BACT-CONTAMINANT-ID	RG-CONID	095*
RGF-BACT-EFFECTIVE-DATE	RG-M-EFFDT	098
RGF-BACT-FH-DEC-SIGNI	RG-M-FH-DS	756
RGF-BACT-FH-MCL-FOR-PERCENT	RG-M-FH-MC	113
RGF-BACT-FH-MIN-REQD-SAMPLES	RG-M-FH-MR	112
RGF-BACT-FH-MONTHLY-MCL	RG-M-FH-MT	110
RGF-BACT-FH-PERCENT-SAMPLES	RG-M-FH-PS	111
RGF-BACT-FH-SINGLE-SAMPLE-MCL	RG-M-FH-SM	109
RGF-BACT-FT-DEC-SIGNI	RG-M-FT-DS	755
RGF-BACT-FT-MCL-FOR-PERCENT	RG-M-FT-MC	108
RGF-BACT-FT-MIN-REQD-SAMPLES	RG-M-FT-MR	107
RGF-BACT-FT-MONTHLY-MCL	RG-M-FT-MT	105
RGF-BACT-FT-PERCENT-SAMPLES	RG-M-FT-PS	106
RGF-BACT-FT-SINGLE-SAMPLE-MCL	RG-M-FT-SM	104
RGF-BACT-MF-DEC-SIGNI	RG-M-MF-DS	754
RGF-BACT-MF-MCL-FOR-PERCENT	RG-M-MF-MC	103
RGF-BACT-MF-MIN-REQD-SAMPLES	RG-M-MF-MR	102
RGF-BACT-MF-MONTHLY-MCL	RG-M-MF-MT	100
RGF-BACT-MF-PERCENT-SAMPLES	RG-M-MF-PS	101
RGF-BACT-MF-SINGLE-SAMPLE-MCL	RG-M-MF-SM	099
RGF-BACT-NCOM-EFFECTIVE-DATE	RG-M-NEFDT	123
RGF-BACT-NCOM-SAMPLE-FREQ	RG-M-NSPFQ	126
RGF-BACT-NCOM-SAMPLING-PERIOD	RG-M-NPERD	125
RGF-BACT-NCOM-SEASONAL-CODE	RG-M-NSEAS	124
RGF-BACT-REGU-LEVEL	RG-M-RGLVL	096
RGF-BACT-REQMNTS-MAX-SAMPLES	RG-M-RQMAX	114
RGF-BACT-REQMNTS-SAMPLE-PERIOD	RG-M-RQSPD	115
RGF-BETA-AVERAGE-COMPOS-SAMPLE	RG-B-AVCCM	030
RGF-BETA-C-IODINE-MONIT-FREQ	RG-B-CIOMF	037
RGF-BETA-C-IODINE131-CONS-SPLS	RG-B-CICSP	040
RGF-BETA-C-NUM-IODINE-SAMPLES	RG-B-CNIOS	035
RGF-BETA-C-NUM-STRONT-SAMPLES	RG-B-CNSTS	036
RGF-BETA-C-STRONT-MONIT-FREQ	RG-B-CSTMF	038
RGF-BETA-C-VIOL-MONIT-FREQ	RG-B-CVMFQ	039
RGF-BETA-COM-NONCOMM-BOTH	RG-B-CNCOB	028
RGF-BETA-CONTAM-NAME	RG-B-CONAM	020
RGF-BETA-CONTAMINANT-ID	RG-CONID	018*
RGF-BETA-DEC-SIGNI	RG-B-DEC-S	751
RGF-BETA-EFFECTIVE-DATE	RG-B-EFFDT	021
RGF-BETA-MAJ-BETA-EM-CON-NUCL	RG-B-MBFCN	026
RGF-BETA-MAJ-BETA-EM-NC-NUCL	RG-B-MBENN	025
RGF-BETA-MCL-ANNUAL-DOSAGE	RG-B-ANMCL	022
RGF-BETA-MIN-POPULATION-ANNUAL	RG-B-MNPOP	031
RGF-BETA-MONIT-GRD-WTR-REQD	RG-B-MONGD	029
RGF-BETA-N-NORM-MONIT-FREQ	RG-B-NNMFQ	033
RGF-BETA-N-NUM-SAMPLES-YEAR	RG-B-NNMSP	032
RGF-BETA-N-VIOL-MONIT-FREQ	RG-B-NVMFQ	034
RGF-BETA-REGU-LEVEL	RG-B-RGLVL	019
RGF-BETA-STRONTIUM90-SCREENING	RG-B-STRSC	024
RGF-BETA-STRON89-CES134-CON-NU	RG-B-S8C1C	027
RGF-BETA-TRITIUM-SCREENING	RG-B-TRISC	023

* COMMON DATA ELEMENT

RGF-BPOP-CONTAMINANT-ID	RG-CONID	127*
RGF-BPOP-REGU-LEVEL	RG-P-RGLVL	128
RGF-BPOP-TABLE-ID	RG-P-TBLID	129
RGF-BPOP-TBL-FROM-POPULATION	RG-P-T-FRM	130
RGF-BPOP-TBL-SAMPLE-FREQ	RG-P-T-FRQ	132
RGF-BPOP-TBL-TO-POPULATION	RG-P-T-TOP	131
RGF-CHEM-COM-EFFECTIVE-DATE	RG-C-CEFDT	057
RGF-CHEM-COM-GRD-MIN-NEG	RG-C-CGMNG	061
RGF-CHEM-COM-GRD-SAMPLE-FREQ	RG-C-CGSPF	059
RGF-CHEM-COM-GRD-VIOL-FREQ	RG-C-CGVFQ	060
RGF-CHEM-COM-GRD-YRS-FST	RG-C-CGFYR	058
RGF-CHEM-COM-SUR-MIN-NEG	RG-C-CSMNG	065
RGF-CHEM-COM-SUR-SAMPLE-FREQ	RG-C-CSSPF	063
RGF-CHEM-COM-SUR-VIOL-FREQ	RG-C-CSVFQ	064
RGF-CHEM-COM-SUR-YRS-FST	RG-C-CSFYR	062
RGF-CHEM-CONTAM-NAME	RG-C-CONAM	043
RGF-CHEM-CONTAMINANT-ID	RG-CONID	041*
RGF-CHEM-MCL	RG-C-MCL	046
RGF-CHEM-MCL-CHECK-PERIOD	RG-C-CHKPD	056
RGF-CHEM-MCL-CHECK-SAMPLES	RG-C-CKSAM	052
RGF-CHEM-MCL-DECIMALS	RG-C-MCLDC	047
RGF-CHEM-MCL-HIGH-DECIMALS	RG-C-MCLHD	051
RGF-CHEM-MCL-HIGH-LIMIT	RG-C-MCLHI	050
RGF-CHEM-MCL-LOW-DECIMALS	RG-C-MCLLD	049
RGF-CHEM-MCL-LOW-LIMIT	RG-C-MCLOW	048
RGF-CHEM-MCL-MAX-TIME	RG-C-MINTM	055
RGF-CHEM-MCL-SEASONAL-CODE	RG-C-SEACD	053
RGF-CHEM-MCL-SPECIAL-CODE	RG-C-SPECD	054
RGF-CHEM-MCL-UNITS	RG-C-MCLUN	045
RGF-CHEM-NCOM-EFFECTIVE-DATE	RG-C-NEFDT	066
RGF-CHEM-NCOM-GRD-MIN-NEG	RG-C-NGMNG	070
RGF-CHEM-NCOM-GRD-SAMPLE-FREQ	RG-C-NGSPF	068
RGF-CHEM-NCOM-GRD-VIOL-FREQ	RG-C-NGVFQ	069
RGF-CHEM-NCOM-GRD-YRS-FST	RG-C-NGFYR	067
RGF-CHEM-NCOM-SUR-MIN-NEG	RG-C-NSMNG	074
RGF-CHEM-NCOM-SUR-SAMPLE-FREQ	RG-C-NSSPF	072
RGF-CHEM-NCOM-SUR-VIOL-FREQ	RG-C-NSVFQ	073
RGF-CHEM-NCOM-SUR-YRS-FST	RG-C-NSFYR	071
RGF-CHEM-REASON-CODE	RG-C-RSNCD	044
RGF-CHEM-REGU-LEVEL	RG-C-RGLVL	042
RGF-EMIT-ANNUAL-CONCENT-EQUIV	RG-E-ANCON	080
RGF-EMIT-CONTAM-NAME	RG-E-CONAM	079
RGF-EMIT-CONTAMINANT-ID	RG-CONID	075*
RGF-EMIT-DEC-SIGNI	RG-E-DEC-S	752
RGF-EMIT-DETECTION-LIMIT	RG-E-DETLM	081
RGF-EMIT-EFFECTIVE-DATE	RG-E-EFFDT	078
RGF-EMIT-NUCL-FACILITY-CODE	RG-E-NPPCD	082*
RGF-EMIT-REGU-LEVEL	RG-E-RGLVL	076
RGF-EMIT-TABLE-ID	RG-E-TBLID	077
RGF-ENT-ANALYSIS-METHOD	RG-N-ANMET	762
RGF-ENT-BC-DECIMALS	RG-N-BCDEC	766
RGF-ENT-BC-LEVEL	RG-N-BCLVL	765

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RGF-ENT-CONTAMINANT-ID	RG-N-CONID	759*
RGF-ENT-LC-DECIMALS	RG-N-LCDEC	764
RGF-ENT-LC-LEVEL	RG-N-LCLVL	763
RGF-ENT-REG-LEVEL	RG-N-RGLVL	760
RGF-ENT-TABLE-ID	RG-N-TBLID	761
RGF-ENT-UC-DECIMALS	RG-N-UCDEC	768
RGF-ENT-UC-LEVEL	RG-N-UCLVL	767
RGF-FLOR-CONTAMINANT-ID	RG-CONID	083*
RGF-FLOR-DEC-SIGNI	RG-F-DEC-S	753
RGF-FLOR-REAS-CENT-HIGH	RG-F-RBCHI	094
RGF-FLOR-REAS-CENT-LOW	RG-F-RBCLO	093
RGF-FLOR-REAS-FAHR-HIGH	RG-F-RBFHI	092
RGF-FLOR-REAS-FAHR-LOW	RG-F-RBFLO	091
RGF-FLOR-REGU-LEVEL	RG-F-RGLVL	084
RGF-FLOR-TABLE-ID	RG-F-TBLID	085
RGF-FLOR-TEMP-CENT-HIGH	RG-F-TPCHI	089
RGF-FLOR-TEMP-CENT-LOW	RG-F-TPCLO	088
RGF-FLOR-TEMP-FAHR-HIGH	RG-F-TPFHI	087
RGF-FLOR-TEMP-FAHR-LOW	RG-F-TPFLO	086
RGF-FLOR-TEMP-RANGE-MCL	RG-F-TRMCL	090
RGF-TURB-ALL-SOURCES	RG-T-ALLSR	140
RGF-TURB-COM-SAMPLE-FREQ	RG-T-CSPFQ	142
RGF-TURB-CONSECUTIVE-MCL	RG-T-CNMCL	137
RGF-TURB-CONSECUTIVE-SAMPLES	RG-T-CNSPL	138
RGF-TURB-CONTAM-NAME	RG-T-CONAM	135
RGF-TURB-CONTAMINANT-ID	RG-CONID	133*
RGF-TURB-DEC-SIGNI	RG-T-DEC-S	758
RGF-TURB-EFFECTIVE-DATE	RG-T-EFFDT	139
RGF-TURB-MAX-RESAMPLING-PERIOD	RG-T-MRSPL	144
RGF-TURB-MONTHLY-MCL	RG-T-MOMCL	136
RGF-TURB-NCOM-SAMPLE-FREQ	RG-T-NSPFQ	143
RGF-TURB-REGU-LEVEL	RG-T-RGLVL	134
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SAF-ACTUAL-NUM-SAMPLES	SA-ACT-SPL	380
SAF-AIR-TEMPERATURE	SA-AIR-TMP	386
SAF-ANALYSIS-METHOD	SA-AN-METH	367
SAF-CHECK-SAMPLE-FEDERAL	SA-CHK-FED	387
SAF-CHECK-SAMPLE-NUMBER	SA-CHK-NUM	389
SAF-CHECK-SAMPLE-STATE	SA-CHK-STA	388
SAF-CONTAMINANT-ID	SA-CONID	357*
SAF-DETL-ANALYSIS-DATE	SA-D-ANDTE	372
SAF-DETL-ANALYSIS-DECIMALS	SA-D-ANDEC	371
SAF-DETL-ANALYSIS-RESULT	SA-D-ANRSL	370
SAF-DETL-ANAL-RESULT-SIGN	SA-D-ASIGN	946
SAF-FED-SSC	SA-F-SSC	815
SAF-STATE-SSC	SA-S-SSC	816
SAF-FEDERAL-VIOLATIONS	SA-FED-VIO	392
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SAF-LAB-OWNER-TYPE	SA-LAB-OWN	369
SAF-MCL-VIOL-F-DECIMALS	SA-MCLVFDC	809
SAF-MCL-VIOL-F-VALUE	SA-MCLVFVL	398
SAF-MCL-VIOL-FLAG	SA-MCLVIFL	397
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SAF-MCL-VIOL-S-VALUE	SA-MCLVSVL	810
SAF-MCL-VIOL-SAMPLE-START-DATE	SA-MCLVSSD	812
SAF-NEXT-SAMPLE-DUE-DATE	SA-SAMPLDU	385
SAF-NOTIFIED-PUBLIC	SA-NOTIPUB	395
SAF-NOTIFIED-STATE	SA-NOTISTA	396
SAF-PWS-ID	SA-PWS-ID	356
SAF-PWS-TYPE	SA-PWS-TYPE	364
SAF-POPULATION-SERVED	SA-POP-SRV	365
SAF-RADS-ANAL-RESULT-PREC	SA-R-APREC	947
SAF-RADS-HIGHEST-RESULT	SA-R-HIRSL	943
SAF-RADS-HIGH-DECIMALS	SA-R-HIDEC	944
SAF-RADS-HIGH-RESULT-SIGN	SA-R-HSIGN	945
SAF-RADS-LOWEST-RESULT	SA-R-LORSL	940
SAF-RADS-LOW-DECIMALS	SA-R-LODEC	941
SAF-RADS-LOW-RESULT-SIGN	SA-R-LSIGN	942
SAF-R-DISTRICT	SA-DISTRIC	808
SAF-R-REGION	SA-REGION	807
SAF-RECORD-TYPE	SA-RECDTYP	363
SAF-REGULAR-SAMPLE-DATE	SA-REGRSPL	383
SAF-REQUIRED-NUM-SAMPLES	SA-REQ-SPL	379
SAF-SAMPLE-DATE	SA-SAMPLDT	360
SAF-SAMPLE-ID-CODE	SA-SAMPLID	358
SAF-SAMPLE-KEY	SA-SAMPLKY	362
SAF-SAMPLE-PERIOD-END	SA-PRD-END	382
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SAF-SAMPLE-TIME	SA-SAMPLTM	361
SAF-SAMPLE-TYPE	SA-SAMPLTP	359
SAF-SAMPLING-CUTOFF-DATE	SA-SAMPLCT	384
SAF-SOURCE-CODE	SA-SOURCE	366
SAF-STATE-VIOLATIONS	SA-STA-VIO	393
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SAF-SUMM-HIGHEST-RESULT	SA-S-HIRSL	373
SAF-SUMM-LOW-DECIMALS	SA-S-LODEC	376
SAF-SUMM-LOWEST-RESULT	SA-S-LORSL	375
SAF-SUMM-MEAN-DECIMALS	SA-S-MNDEC	378
SAF-SUMM-MEAN-RESULT	SA-S-MNRSL	377
SAF-VARIANCE-DECIMALS	SA-VAR-DEC	391
SAF-VARIANCE-MCL	SA-VAR-MCL	390
SAF-VIOLATION-DURATION	SA-VIO-DUR	394
SAFI-S-TRANSACTION-CODE	SA-TRAN-CD	917
SEF-CATALOGUE-NO		299
SEF-ERROR-CODE		300
SEF-TRANSACTION		298
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SHF-FILE-ID	SH-FILE-ID	301
SHF-LAST-UPDATE-DATE	SH-LST-UP	305
SHF-NEW-VALUE	SH-NEW-VAL	307
SHF-OLD-VALUE	SH-OLD-VAL	306
SHF-RECORD-ID	SH-REC-ID	302
VEF-ALTERNATE-TREATMENT	VE-ALT-TRT	466
VEF-CASE-ABSTRACT	VE-ABSTRAC	468
VEF-CONTAMINANT-ID	VE-CON-ID	462*
VEF-DELAY-CODE	VE-DEL-CD	476
VEF-EFFECTIVE-DATE	VE-EFF-DT	453
VEF-ENTRY-POINT-CONSEC-AVG	VE-EP-CONS	862
VEF-ENTRY-POINT-ID	VE-EP-ID	860
VEF-ENTRY-POINT-MNTHLY-AVG	VE-EP-MNTH	861
VEF-EXPIRATION-DATE	VE-EXP-DT	460
VEF-ID	VE-ID	455
VEF-LAST-UPDATE-DATE	VE-LST-UP	470
VEF-MILESTONE-ABSTRACT	VE-MIL-ABS	477
VEF-MILESTONE-ATTAINED-DATE	VE-ATT-DT	474
VEF-MILESTONE-CODE	VE-MIL-COD	475*
VEF-MILESTONE-NO	VE-MISTONE	471
VEF-MILESTONE-REPEAT	VE-REPEAT	472
VEF-MODIFIED-FREQUENCY	VE-MOD-FRE	467
VEF-MODIFIED-MCL	VE-MOD-MCL	463
VEF-MODIFIED-MCL-DEC	VE-MOD-DEC	464
VEF-PWS-ID	VE-PWS-ID	457
VEF-REASON-CODE	VE-REASON	469
VEF-REVISED-ID-REFERENCE	VE-ID-REF	456
VEF-STATUS-CODE	VE-STATUS	461
VEF-TARGET-DATE	VE-TAR-DT	473
VEF-TREATMENT-CODE	VE-TREAT	465
VEF-VE-TYPE	VE-TYPE	458
VEFI-CREATE-DELE-FLAG	VE-CRDT-CD	909
VEFI-TRAN-CODE00	VE-TRAN-CD	905
VIF-ANALYSIS-DATE	VI-ANDATE	341
VIF-ANALYSIS-DECIMALS	VI-AN-DEC	340
VIF-ANALYSIS-METHOD	VI-AN-METH	338
VIF-ANALYSIS-RESULT	VI-AN-RESL	339
VIF-CASE-ABSTRACT	VI-ABSTRAC	448
VIF-CONTAMINANT-ID	VI-CONT-ID	331*
VIF-DATE-LAST-REPORT	VI-DT-RPT	800
VIF-DISTRICT	VI-DISTRIC	353
VIF-EAF-ACTION-DATE	VI-EA-DATE	433
VIF-EAF-STATUS	VI-EA-STAT	449
VIF-ENTRY-POINT-ID	VI-EP-ID	920
VIF-ENTRY-POINT-NAME	VI-EP-NAME	919
VIF-LAB-ID	VI-LAB-ID	333
VIF-LAB-NAME	VI-LAB-NAM	334
VIF-LAB-OWNER-TYPE	VI-LAB-OWN	802
VIF-LAST-UPDATE	VI-LSTUPDT	804

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VIF-MCL-VIOL-SAMPL-START-DATE	VI-MCLVSSD	806
VIF-MCL-VIOLATED	VI-MCLVIOL	345
VIF-MILESTONE-CODE	VI-EA-MLCD	454
VIF-MILESTONE-DATE	VI-EA-MLDT	453
VIF-NOTIFY-PUBLIC	VI-NOTIPUB	350
VIF-NOTIFY-STATE	VI-NOTISTA	351
VIF-NUM-SAMPLES-VIOL	VI-NUMSPVI	348
VIF-POPULATION	VI-POPULAT	329
VIF-PWS-ID	VI-PWS-ID	326
VIF-PWS-NAME	VI-PWS-NAM	327
VIF-PWS-TYPE	VI-PWS-TYP	328
VIF-REGION	VI-REGION	352
VIF-REGULATION-LEVEL	VI-REG-LVL	330
VIF-SAMPLE-DATE	VI-SPLDATE	335
VIF-SAMPLE-KEY	VI-SPLKEY	355
VIF-SAMPLE-TYPE	VI-SPLTYPE	354
VIF-SAMPLES-NUM-REQUIRED	VI-SPLREQD	336
VIF-SAMPLES-NUM-TAKEN	VI-SPLTAKN	337
VIF-SAMPLING-CUTOFF-DATE	VI-SAMPLCT	342
VIF-SAMPLING-FREQ-VIOL	VI-SPLVIOL	347
VIF-SOURCE-CODE	VI-SRC-CD	332
VIF-TIME-SINCE-LAST-REPORT	VI-LST-RPT	801
VIF-VIOLATION-DATE	VI-VIOL-DT	344
VIF-VIOLATION-DURATION	VI-VIOLDUR	349
VIF-VIOLATION-ID	VI-VIOL-ID	803
VIF-VIOLATION-TYPE	VI-VIOL-TP	343*
VIFI-TR00-CREATE-DELETE-FLAG	VI-CRDT-CD	916
VIFI-TR00-TRANSACTION-CODE	VI-TRAN-CD	915
VIFI-TR03-CARD-NO	VI-CRD3-NO	855
VIFI-TR04-DELETE-MILESTONE	VI-MSD-DEL	857
VIFI-TR04-DELETE-STATUS	VI-ACT-DEL	855

* COMMON DATA ELEMENT

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 001	MNEMONIC NAME: RG-CONID	PROGRAM NAME: RGF-ALFA-CONTAMINANT-ID

DESCRIPTION AND USE: A 4-digit number for identifying a contaminant	DATA TYPE: A/N PICTURE: X(4)

SOURCE(S):
Input forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. Numeric - error code 010
2. A member of the Contaminant Code Table Section of the Code Value Table files - error code 005
3. Must be entered - error code 011

ADDITIONAL COMMENTS:

Federal codes are standardized but State may add more contaminants to the Contaminant Code Table.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 002	MNEMONIC NAME: RG-A-RGLVL	PROGRAM NAME: RGF-ALFA-REGU-LEVEL

DESCRIPTION AND USE: Used to indicate if the regulations concerning a contaminant are State or Federal regulations, and whether they are primary or secondary regulations.	DATA TYPE: A/N PICTURE: X(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

SP - State, Primary
SS - State, Secondary
FP - Federal, Primary
FS - Federal, Secondary

EDIT CRITERIA:

Must be in above list - error code 011

ADDITIONAL COMMENTS:

Regulations Table printout must be visually verified.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
12/31/81

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	NO

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
003	RG-A-CONAM	RGF-ALFA-CONTAM-NAME

DESCRIPTION AND USE: The scientific name of a contaminant. Used to simplify identification of contaminants and visual verification of the regulations printout.

DATA TYPE: A/N

PICTURE: X(15)

SOURCE(S):

Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

N/A

Any alphanumeric string

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: NO

DATA ELEMENT

CATALOGUE NO.: 004	MNEMONIC NAME: RG-A-EFFDT	PROGRAM NAME: RGF-ALFA-EFFECTIVE-DATE

DESCRIPTION AND USE: Date on which the applicable regulations became effective.

DATA TYPE: N

PICTURE: 9(5)

SOURCE(S): Input Format

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any valid Julian date.

EDIT CRITERIA:

Valid date or empty
Invalid Date - error code 033.
State only - if not entered, default to Federal date.

ADDITIONAL COMMENTS:

For MSIS compliance processing purposes, this field defaults to 070177.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 005	MNEMONIC NAME: RG-A-M-GRA	PROGRAM NAME: RGF-ALFA-MCL-GROSS-ALPHA

DESCRIPTION AND USE: The maximum annual average concentration level of gross alpha particle activity. Expressed in picocuries/liter.	DATA TYPE: N PICTURE: 9(2)V9

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero.

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set RG-A-M-GRA at 15 pCi/l, per 141.15(b). State regulations must not exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 006	MNEMONIC NAME: RG-A-M-CMR	PROGRAM NAME: RGF-ALFA-MCL-COMBINED-RADIUM

DESCRIPTION AND USE: The maximum annual average concentration of combined radium-226 and radium-228.

DATA TYPE: N

PICTURE: 9(2)V9

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set RG-A-M-CMR at 5 pCi/l per 141.15(a). State regulations must not exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
12/31/81

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
7/31 1981	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
007	RG-A-GAOR8	RGF-ALFA-MAX-GA-WITHOUT-R228

DESCRIPTION AND USE: The concentration of gross alpha particle activity to be used as a screening level when radium-228 is not suspected to be present. Quantity expressed in picocuries/liter.

DATA TYPE: N

PICTURE: 9(2)V9

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero.

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations set RG-A-GAOR8 at 5 pCi/l per 141.26(a)(1)(i). State regulations must not exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
7/31 1981	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
008	RG-A-GAIR8	RGF-ALFA-MAX-GA-WITH-R228

DESCRIPTION AND USE: The concentration of gross alpha particle activity to be used as a screening level when radium-228 is suspected to be present. Quantity expressed in picocuries/liter.

DATA TYPE: N

PICTURE: 9(2)V9

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero.

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations set RG-A-GAIR8 at 2 pCi/l per 141.26(a)(1)(i). State regulations must not exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 009

MNEMONIC NAME: RG-A-R6FR8

PROGRAM NAME: RGF-ALFA-MAX-R226-FOR-R228

DESCRIPTION AND USE: The concentration of radium-226 to be used as a screening level to determine if a radium-228 analysis is necessary. Expressed in picocuries/liter.

DATA TYPE: N

PICTURE: 9(2)V9

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero.

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations set RG-A-R6FR8 at 3 pCi/l per 141.26(a)(1)(ii). State regulations must not exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 010

MNEMONIC NAME: RG-A-R6ANM

PROGRAM NAME: RGF-ALFA-MAX-R226-ANNUAL-MONIT

DESCRIPTION AND USE: The level of radium-226 indicating that a state should consider annual monitoring. Expressed in picocuries/liter.

DATA TYPE: N

PICTURE: 9(2)V9

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations set RG-A-R6ANM at 3pCi/l per 141.26(a)(3)(v). State regulations must not exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 011	MNEMONIC NAME: RG-A-NUMSP	PROGRAM NAME: RGF-ALFA-NUM-SAMPLES-PER-YEAR

DESCRIPTION AND USE: The number of consecutive, quarterly, gross alpha samples to be taken each sampling period by Public Water Systems.	DATA TYPE: N PICTURE: 9(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero.

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only: 1. Must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations presently require 4 consecutive quarterly samples, thus the value is 4 per 141.26(a)(1). State regulations must meet or exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 012	MNEMONIC NAME: RG-A-MINFQ	PROGRAM NAME: RGF-ALFA-MIN-NORM-MONITOR-FREQ

DESCRIPTION AND USE: The normal monitoring frequency for gross alpha, expressed in years.	DATA TYPE: N PICTURE: 9(1)

SOURCE(S):

Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive value greater than zero.

EDIT CRITERIA:

Must be: 1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007
(State value too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently require monitoring every 4 years, per 141.26(a)(3).
State regulations must meet or exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 013	MNEMONIC NAME: RG-A-INIPD	PROGRAM NAME: RGF-ALFA-INITL-MONITOR-PERIOD

DESCRIPTION AND USE: The gross alpha initial monitoring period for a PWS that begins operation after the regulations became effective. Expressed in months.	DATA TYPE: N PICTURE: 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set this period at 12 months, 141.26 (a)(3)(ii). (For MSIS purposes, a new water source is determined to mean a new Public Water System.)

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 013	MNEMONIC NAME: RG-A-FRACT	PROGRAM NAME: RGF-ALFA-FRACTION-MCL-SUBSTITU

DESCRIPTION AND USE: A decimal fraction of the gross alpha MCL to be used by a State when considering substitution of a single sample for the quarterly sampling procedure.	DATA TYPE: N PICTURE: V9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set this fraction at 50% per 141.26 (a)(3). State regulations must not exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
7/31 1981	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 015

MNEMONIC NAME: RG-A-MINVF

PROGRAM NAME: RGF-ALFA-MIN-VIOL-MONITOR-FREQ

DESCRIPTION AND USE: The monitoring frequency when a PWS is in MCL violation (check sampling frequency); the time during which one check sample must be submitted. Expressed in months.

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero.

EDIT CRITERIA:

Must be: 1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently require quarterly sampling; thus the value is 3, per 141.26(a)(4). State regulations must not exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
7/31 1981	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
016	RG-A-AC4SP	RGF-ALFA-ANNUAL-COMP-4-SAMPLE

DESCRIPTION AND USE: Indicates whether an annual composite sample, or four quarterly sample average, or both is acceptable for monitoring gross alpha radioactivity.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):

Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

A - Average (quarterly)
B - Both
C - Composite (annual)

EDIT CRITERIA:

Must be 'A', 'B', or 'C', as shown above.
Error code 011.

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently accept any of these options, per 141.26(a)(1). If a state chooses to be more stringent and accept only one kind of sample type, the check must be done manually.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
7/31 1981	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
017	RG-A-CNCOB	RGF-ALFA-COM-NONCOMM-BOTH

DESCRIPTION AND USE: Indicates whether the regulations specified for gross alpha apply to just community water systems or to both community and non-community systems.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

C - Community Water Systems
B - Both

EDIT CRITERIA:

Must be 'C', or 'B', as shown above - error code 011

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal radionuclide regulations are mandatory for community water systems only, per 141.15 and 141.26.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 018*	MNEMONIC NAME: RG-CONID	PROGRAM NAME: RGF-BETA-CONTAMINANT-ID

DESCRIPTION AND USE: A 4-digit number for identifying a contaminant.	DATA TYPE: A/N PICTURE: X(4)

SOURCE(S):

Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. a member of the Contaminant Code Table section of the Code Value Table.
   error code 005
3. entered - error code 011

ADDITIONAL COMMENTS:

Federal codes are standardized but State may add more contaminants to the Contaminant Code Table.

*See Appendix A of this document.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 019	MNEMONIC NAME: RG-B-RGLVL	PROGRAM NAME: RGF-BETA-REGU-LEVEL

DESCRIPTION AND USE: Used to indicate if the regulations concerning a contaminant are State or Federal regulations, and whether they are primary or secondary regulations.	DATA TYPE: A/N PICTURE: X(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

SP - State, Primary
SS - State, Secondary
FP - Federal, Primary
FS - Federal, Secondary

EDIT CRITERIA:

Must be in above list - error code 011

ADDITIONAL COMMENTS:

Regulations Table printout must be visually verified.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 020	MNEMONIC NAME: RG-B-CONAM	PROGRAM NAME: RGF-BETA-CONTAM-NAME

DESCRIPTION AND USE: The scientific name of a contaminant used to simplify identification of contaminants and visual verification of the regulations printout.

DATA TYPE: A/N

PICTURE: X(15)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT:		x							

ACCEPTABLE VALUES:

N/A

Any alphanumeric string.

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
7/31 1981	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
021	RG-B-EFFDT	RGF-BETA-EFFECTIVE-DATE

DESCRIPTION AND USE: Date on which the applicable regulations become effective.

DATA TYPE: N

PICTURE: 9(5)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any valid date

EDIT CRITERIA:

Valid date or empty.
Invalid date - error code 033
State only - if not entered, default to Federal date.

ADDITIONAL COMMENTS:

For MSIS compliance processing purposes this field defaults to 070177.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 022

MNEMONIC NAME: RG-B-ANMCL

PROGRAM NAME: RGF-BETA-MCL-ANNUAL-DOSAGE

DESCRIPTION AND USE: The maximum annual average dose equivalent of gross beta radioactivity expressed in millirems/year.

DATA TYPE: N

PICTURE: 9V9

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero.

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations set dosage rate at 4 millirems/year, per 141.16(b). State regulations must not exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 023	MNEMONIC NAME: RG-B-TISC	PROGRAM NAME: RGF-BETA-TRITIUM-SCREENING

DESCRIPTION AND USE: Maximum average annual concentration of tritium beta particle activity expressed in picocuries/liter.

DATA TYPE: N

PICTURE: 9(5)

SOURCE(S):

Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero.

EDIT CRITERIA:

Must be: 1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set the MCL dosage at 20,000 pCi/l per 141.16(b) (Table.A)

State regulations must not exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 024	MNEMONIC NAME: RG-B-STRSC	PROGRAM NAME: RGF-BETA-STRONTIUM90-SCREENING

DESCRIPTION AND USE: Maximum average annual concentration of Strontium-90 beta particle activity expressed in picocuries/liter.	DATA TYPE: N PICTURE: 9(2)V9

SOURCE(S):

Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero.

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set the MCL at 8 pCi/l per 141.16(b) (Table.A)

State regulations must not exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
7/31 1981	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
025	RG-B-MBENN	RGF-BETA-MAJ-BETA-EM-NO-NUCL

DESCRIPTION AND USE: Maximum gross beta particle activity screening level for public water systems with no contamination by effluents from nuclear facilities. Expressed in *

DATA TYPE: N

PICTURE: 9(2)V9

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero.

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set the MCL at 50 pCi/l per 141.26(b)(1). State regulations must not exceed this.

* Picocuries/liter.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 026	MNEMONIC NAME: RG-B-MBECN	PROGRAM NAME: RGF-BETA-MAX-EM-CON-NUCL

DESCRIPTION AND USE: Maximum gross beta particle activity screening level for public water systems serving waters contaminated by effluents from nuclear facilities. Expressed in *	DATA TYPE: N PICTURE: 9(2)V9

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero.

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations currently set the MCL at 50 pCi/l, per 141.26(b)(4)(i). State regulations must not exceed this.

*Picocuries/liter.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
7/31 1981	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 027

MNEMONIC NAME: RG-B-S8C1C

PROGRAM NAME: RGF-BETA-STRON89-CES134-CON-NU

DATA TYPE: N

PICTURE: 9(2)V9

DESCRIPTION AND USE: Maximum gross beta particle activity screening level for Strontium-89 and Cesium 134 for water contaminated by effluents from nuclear facilities. Expressed *

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set the screening level at 15 pCi/l, per 141.26(b)(4)(i). State regulations must not exceed this.

* in Picocuries/liter.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

DATA ELEMENT NO.: 028	MNEMONIC NAME: RG-B-CNCOB	PROGRAM NAME: RGF-BETA-COM-NONCOMM-BOTH

DESCRIPTION AND USE: Indicates whether the regulations specified by the input form for gross beta radioactivity apply just to Community Water Systems, or both community and *

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Forms

SUBSYSTEMS	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

C - Community Water Systems
B - Both

EDIT CRITERIA:

Must be 'C', or 'B' as shown above - error code 011

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

The Federal Radionuclide regulations are mandatory for Community Water Systems only.

* non-community water systems.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 029	MNEMONIC NAME: RG-B-MONGD	PROGRAM NAME: RGF-BETA-MONIT-GRD-WTR-REQD

DESCRIPTION AND USE: Indicates if monitoring of ground water sources is required for gross beta radioactivity analysis. Applies to Community Water Systems only.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Y - Yes, Ground Water only Monitoring required
N - No, Ground Water only Monitoring not required

EDIT CRITERIA:

Must be: 'Y' or 'N' as shown above - error code 011

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently do not require monitoring of gross beta activity for ground water only sources, per regs 141.26(b)(1).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 030	MNEMONIC NAME: RG-B-AVCOM	PROGRAM NAME: RGF-BETA-AVERAGE-COMPOS-SAMPLE

DESCRIPTION AND USE: Indicates whether a sample average, a composite sample or both is acceptable for monitoring gross beta radioactivity.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

A - Average
B - Both
C - Composite

EDIT CRITERIA:

Must be 'A', 'B', or 'C' as shown above - error code 011

ADDITIONAL COMMENTS:

Federal regulations currently accept all the options, per 141.26 (b)(1). If a state chooses to be more stringent and accept one kind of sample type, the check must be done manually.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 031	MNEMONIC NAME: RG-B-MNPOP	PROGRAM NAME: RGF-BETA-MIN-POPULATION-ANNUAL

DESCRIPTION AND USE: The minimum population served by a community water system for requiring annual monitoring for beta particle radioactivity.	DATA TYPE: N PICTURE: 9(6)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		X	X						
OUTPUT OF:		X							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations currently set the minimum population at 100,000, per 141.26(b)(1).

State regulations must not exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
7/31 1981	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
032	RG-B-NNMSP	RGF-BETA-N-NUM-SAMPLES-YEAR

DESCRIPTION AND USE: The number of consecutive, quarterly, gross beta samples to be taken each sampling period by Public Water Systems not contaminated by effluents of a nuclear facility.	DATA TYPE: N PICTURE: 9(1)
SOURCE(S):	

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		X	X						
OUTPUT OF:		X							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations presently require the following number of samples: 4 per 141.26(b)(1). State regulations must meet or exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 033	MNEMONIC NAME: RG-B-NNMFQ	PROGRAM NAME: RGF-BETA-N-NORM-MONIT-FREQ

DESCRIPTION AND USE: Minimum normal monitoring frequency for gross beta radioactivity analysis, expressed in years, for waters not contaminated by effluents from a nuclear facility. *	DATA TYPE: N PICTURE: 9(1)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive value greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (State value too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulation currently set the monitoring frequencies as follows: every 4 years, per 141.26(b)(1). State regulations must meet or exceed this.

* Applies to Community Water Systems only.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal-only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
034	RG-B-NVMFQ	RGF-BETA-N-VIOL-MONIT-FREQ

DESCRIPTION AND USE: Minimum monitoring frequency for gross beta radioactivity analysis, expressed in days, when the PWS is in violation*

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations currently require the following minimum monitoring frequency: monthly (1), per 141.26(b)(5). State regulations must equal this value.

*of the MCL, for waters not contaminated by effluents from nuclear facilities.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 035	**MNEMONIC NAME:** RG-B-CNIOS	**PROGRAM NAME:** RGF-BETA-C-NUM-IODINE-SAMPLES

DESCRIPTION AND USE: The number of iodine 131 samples required each year from public water systems serving water contaminated by effluents of a nuclear facility.	**DATA TYPE:** N **PICTURE:** 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:		X	X						
OUTPUT OF:		X							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations presently require the following number of samples per year: 20 (5 consecutive daily @ quarter) per 141.26(b)(4).

State regulations must meet or exceed this.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
7/31 1981	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
036	RG-B-CNSTS	RGF-BETA-C-NUM-STRONT-SAMPLES

DESCRIPTION AND USE: The number (each) of consecutive quarterly strontium-90 and tritium samples required each sampling period from public water systems serving water contaminated by effluents*

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		X	X						
OUTPUT OF:		X							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations presently require the following number of samples: 4 (quarterly) per 141.26(b)(4). State regulations must meet or exceed this.

*of a nuclear facility.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 037	**MNEMONIC NAME:** RG-B-CIOMF	**PROGRAM NAME:** RGF-BETA-C-IODINE-MONIT-FREQ

DESCRIPTION AND USE: Minimum normal monitoring frequency for gross beta radioactivity analysis, expressed in months for waters contaminated by effluents from a nuclear facility for *	**DATA TYPE:** N **PICTURE:** 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive value greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (State value too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations currently set the monitoring frequencies as follows: every 3 months (quarterly) per 141.26(b)(4)(ii). State regulations must meet or exceed this.

* Iodine-131 sampling. Apply to Community Water Systems only.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
038	RG-B-CSTMF	RGF-BETA-C-STRONT-MONIT-FREQ

DESCRIPTION AND USE: Minimum normal monitoring frequency for gross beta radioactivity analysis expressed in months, for waters contaminated by effluents from a nuclear facility for *

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive value greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (State value too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations currently set the monitoring frequencies as follows: 12 months (annual) per 141.26(b)(4)(iii). State regulations must meet or exceed this.

*Strontium-90 and Tritium sampling. Apply to Community Water Systems only.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 039	**MNEMONIC NAME:** RG-B-CVMFQ	**PROGRAM NAME:** RGF-BETA-C-VIOL-MONIT-FREQ

DESCRIPTION AND USE: Minimum monitoring frequency for gross beta radioactivity analysis, expressed in days, when the PWS is in violation of the MCL, for waters contaminated by *	**DATA TYPE:** N **PICTURE:** 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations currently require the following minimum monitoring frequency: monthly (1) per 141.26(b)(5). State regulations must equal this.

* effluents from nuclear facilities. Applies to Community Water Systems only.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 040	**MNEMONIC NAME:** RG-B-CIOSP	**PROGRAM NAME:** RGF-BETA-C-IODINE131-CONS-SPLS

DESCRIPTION AND USE: The number of consecutive daily samples of Iodine-131 required each quarter for gross beta particle analysis for waters contaminated by effluents from *	**DATA TYPE:** N **PICTURE:** 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations presently require 5 consecutive daily samples, per 141.26(b)(t)(ii). State regulations must meet or exceed this.

*nuclear facilities. Applies to Community Water Systems only.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Depending upon application	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 041 *	MNEMONIC NAME: RG-CONID	PROGRAM NAME: RGF-CHEM-CONTAMINANT-ID

DESCRIPTION AND USE: A 4-digit number for identifying a contaminant.	DATA TYPE: A/N PICTURE: X(4)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. a member of the Contaminant Code Table section of the Code Value Table file - error code 005
3. entered - error code 011

On C2 card: 1. must have matching C1 - error code 032

ADDITIONAL COMMENTS:
Federal codes are standardized but State may add more contaminants to the Contaminant Code Table.

* See Appendix A of this document.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes

DATA ELEMENT

CATALOGUE NO.: 042	**MNEMONIC NAME:** RG-C-RGLVL	**PROGRAM NAME:** RGF-CHEM-REGU-LEVEL

DESCRIPTION AND USE: Used to indicate if the regulations concerning a contaminant are State or Federal regulations, and whether they are primary or secondary regulations.

DATA TYPE: A/N

PICTURE: X(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

SP - State, Primary
SS - State, Secondary
FP - Federal, Primary
FS - Federal, Secondary

EDIT CRITERIA:

Must be in above list - error code 011

ADDITIONAL COMMENTS:

Regulations Table printout must be visually verified.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 043	**MNEMONIC NAME:** RG-C-CONAM	**PROGRAM NAME:** RGF-CHEM-CONTAM-NAME

DESCRIPTION AND USE: The scientific name of a contaminant. Used to simplify identification of contaminants and visual notification of the regulations printout.	**DATA TYPE:** A/N **PICTURE:** X(11)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

N/A

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Contained in Contaminant Code Table records of Code Value Table by Contaminant ID.

MODEL STATE INFORMATION SYSTEM

Binder 25
9/30/79

DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
044	RG-C-RSNCD	RGF-CHEM-REASON-CODE

DESCRIPTION AND USE: The code indicating the reason a chemical is a contaminant in the regulations	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

H - Health Hazard
O - Odor
T - Taste
C - Color

EDIT CRITERIA:

Must be:
1. alpha - error code 011
2. must be contained on the Code Value Table - error code 014

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:

These values are the required ones; state may add others.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 045	**MNEMONIC NAME:** RG-C-MCLUN	**PROGRAM NAME:** RGF-CHEM-MCL-UNITS

DESCRIPTION AND USE: Name of the units used to measure contaminant level in drinking water.	**DATA TYPE:** A/N **PICTURE:** X(6)

SOURCE(S): Input Forms

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

N/A

EDIT CRITERIA:

Non-blank only - error code 011

ADDITIONAL COMMENTS:

Can currently use "mg/l" only.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 046	MNEMONIC NAME: RG-C-MCL	PROGRAM NAME: RGF-CHEM-MCL

DESCRIPTION AND USE: The maximum or minimum level defined by State or Federal regulations for each contaminant, or as determined by a variance or exemption.	DATA TYPE: N PICTURE: 9(6)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

A numeric value greater than zero.

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal Value - error code 007 (too high)
4. on Fluoride (1025) must be zeros

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set MCL values for chemicals. State values must be equal to or less than the Federal values as per regulations 141.11(b), Inorganic, and 141.12(a), Organic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 047	MNEMONIC NAME: RG-C-MCLDC	PROGRAM NAME: RGF-CHEM-MCL-DECIMALS

DESCRIPTION AND USE: Number of decimals in the applicable MCL. Used for editing the MCL and the results of the analysis. Applies to chemical contaminants only.	DATA TYPE: N PICTURE: 9(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

0 to 9

EDIT CRITERIA:

Must be: 1. numeric - error code 010
2. as stringent as Federal - error code 006
(too few decimals)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Example: If the MCL is 005400 and RG-MCL-DEC=5, then RG-MCL= 0.05400. State value if same RG-C-MCL as Federal must have equal or more decimals in this value of RG-C-MCLDC.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 048	MNEMONIC NAME: RG-C-MCLOW	PROGRAM NAME: RGF-CHEM-MCL-LOW-LIMIT

DESCRIPTION AND USE: This data element specifies, for a chemical contaminant, the lowest reasonable value of analysis result. This value is used for validating the result.	DATA TYPE: N PICTURE: 9(5)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any non-negative numeric value.

EDIT CRITERIA:

Must be: 1. numeric - error code 010
2. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

See RG-C-MCLOD for stringency comments.
Not used for MCL checks - only for edit checks.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
049	RG-C-MCLOD	RGF-CHEM-MCL-LOW-DECIMALS

DESCRIPTION AND USE:
This data element specifies the number of decimal places in: RG-C-MCLOW

DATA TYPE: N

PICTURE: 9(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any single digit number

EDIT CRITERIA:

Must be: 1. numeric - error code 010
2. as stringent as Federal - error code 006 (too few decimals)

Federal only: 1. must be entered - error code 041

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ADDITIONAL COMMENTS:

State value if same as Federal RG-C-MCLOW, must have equal or more decimals in this value of RG-C-MCLOD.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 050	**MNEMONIC NAME:** RG-C-MCLHI	**PROGRAM NAME:** RGF-CHEM-MCL-HIGH-LIMIT

DESCRIPTION AND USE: This data element specifies, for a chemical contaminant, the highest reasonable value of the analysis result. This value is used for validating the results.

DATA TYPE: N

PICTURE: 9(5)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any non-negative number.

EDIT CRITERIA:

Must be: 1. numeric - error code 010
2. as stringent as Federal - error code 006 (too low)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

See RG-C-MCLHD for stringency comments. Not used for MCL checks - only for edit checks.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 051	MNEMONIC NAME: RG-C-MCLHD	PROGRAM NAME: RGF-CHEM-MCL-HIGH-DECIMALS

DESCRIPTION AND USE: This data element specifies the number of decimal places in: RG-C-MCLHI.	DATA TYPE: N PICTURE: 9(1)

SOURCE(S):

Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any single digit number.

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. as stringent as Federal - error code 006

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:

State value if same as Federal RG-C-MCLHI, must have equal or more decimals in this value of RG-C-MCLHD.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 052	**MNEMONIC NAME:** RG-C-CKSAM	**PROGRAM NAME:** RGF-CHEM-MCL-CHECK-SAMPLES

DESCRIPTION AND USE: The number of initial check samples required when MCL is violated for chemical sampling	**DATA TYPE:** N **PICTURE:** 9(1)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number.

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently require the following:
- 141.24(b) - 3 samples - Organic Chemicals
- 141.23(b) - 3 samples - Inorganic Chemicals
- 141.23(d) - 1 sample - Nitrate only

State values must equal or exceed these.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 053	MNEMONIC NAME: RG-C-SEACD	PROGRAM NAME: RGF-CHEM-MCL-SEASONAL-CODE

DESCRIPTION AND USE: A flag indicating whether seasonal sampling applies to a contaminant. If so, MSIS will schedule sampling during season time. Season is determined by PWF data*

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

N - Seasonal Sampling not required
Y - Seasonal Sampling required

EDIT CRITERIA:

Must be N or Y (applies to Organic Chemicals only)
Error code - 011

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS: Sample taken out of season will not be rejected by a Water Quality Compliance Subsystem, but will not be considered as complying with sampling requirements.

*elements PW-SEA-STR and PW-SEA-END

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
3/28/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 054	MNEMONIC NAME: RG-C-SPECD	PROGRAM NAME: RGF-CHEM-MCL-SPECIAL-CODE

DESCRIPTION AND USE: Code used to describe special considerations when comparing analysis results to the MCL.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Y - Monitor this contaminant for all consecutive Public Water Systems in the State

N - Do not monitor this contaminant for any consecutive Public Water System in the State

ƀ - Option to monitor this contaminant given to each consecutive Public Water System*

EDIT CRITERIA:

1. Must be 'Y' or 'N' or 'ƀ' - error code 011

ADDITIONAL COMMENTS:

*Note: If a 'ƀ' is used in this field, compliance will expect a file listing all contaminants each consecutive Public Water System is required to monitor for.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
055	RG-C-MINTM	RGF-CHEM-MCL-MAX-TIME

DESCRIPTION AND USE: The maximum time, expressed in hours, to initiate second sample analysis if regular sample is in violation. Used for Nitrate analysis.

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

(Nitrate only)

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set this value at 24 hours. State regulations must not exceed this Federal regulation - 141.23(d)

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 056	MNEMONIC NAME: RG-C-CHKPD	PROGRAM NAME: RGF-CHEM-MCL-CHECK-PERIOD

DESCRIPTION AND USE: This data element specifies the period, expressed in days, during which the initial check samples must be taken if a regular sample violates MCL in Chemical sample.	DATA TYPE: N PICTURE: 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set the following requirements:
141.24(b) - Organic Chemicals - 3 samples within 30 days.
141.23(b) - Inorganic Chemicals - 3 samples within 30 days.
141.23(d) - Nitrate only - 1 sample within 1 day.
State regulations must not exceed these.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 057	**MNEMONIC NAME:** RG-C-CEFDT	**PROGRAM NAME:** RGF-CHEM-COM-EFFECTIVE-DATE

DESCRIPTION AND USE: Date on which the applicable regulations become effective.

DATA TYPE: N

PICTURE: 9(5)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any valid date

EDIT CRITERIA:

Valid date or empty.
Invalid date - error code 033
State only - if not entered, default to Federal date.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only (Inorganic Yes, State only (Organic)

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
058	RG-C-CGRYR	RGF-CHEM-COM-GRD-YRS-FST

DESCRIPTION AND USE:	DATA TYPE:
Number of years during which the first water sample must be taken and analyzed for the applicable contaminant.	N
	PICTURE: 9(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric:
Organic Chemicals - set by the State
Inorganic Chemical - set by Federal regs at 2

EDIT CRITERIA:

(Inorganic Only) - Federal
Must be: 1. numeric - error code 010
2. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

(Organic Only) - State
Must be: 1. numeric - error code 010

ADDITIONAL COMMENTS: Federal regulations currently require sampling of ground only water sources for community PWS for Inorganic Chemicals only - State must not exceed these values. For Organic Chemicals - State sets its own values for ground water only.
Federal Regulations - 141.23(a)(2)

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, State only (Organic) Yes, Fed. only (Inorganic)

DATA ELEMENT

CATALOGUE NO.: 059	MNEMONIC NAME: RG-C-CGSPF	PROGRAM NAME: RGF-CHEM-COM-GRD-SAMPLE-FREQ

DESCRIPTION AND USE: Sampling frequency for analysis as applied to a particular contaminant, expressed in days.	DATA TYPE: N PICTURE: 9(4)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

A positive number:

Organic Chemicals - set by the State
Inorganic Chemicals - set by Federal regs at 3 years (1095 days)

EDIT CRITERIA:

(Inorganic Only) - Federal or State
Must be: 1. numeric - error code 010
2. as stringent as Federal - error code 007 (too high)
Federal only: 1. must be entered - error code 041

(Organic Only) - State
Must be: 1. numeric - error code 010

ADDITIONAL COMMENTS: Federal regulations currently require sampling of ground only water sources for Community PWS for Inorganic Chemicals only - State must not exceed 1095 days.
For organic Chemicals - State sets its own value for ground water only. Federal Regulations - 141.23(a)(2)

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, State only (Inorganic & Organic)

DATA ELEMENT

CATALOGUE NO.: 060	**MNEMONIC NAME:** RC-C-CGVFQ	**PROGRAM NAME:** RGF-CHEM-COM-GRD-VIOL-FREQ

DESCRIPTION AND USE: Minimum sampling frequency express in days, when MCL is violated for chemical contaminants	**DATA TYPE:** N **PICTURE:** 9(4)

SOURCE(S):
Input Forms

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive integer, established by the State.

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. established by the State - error code 018

ADDITIONAL COMMENTS: Federal regulations currently require sampling of ground only water sources for Community PWS for Inorganic Chemicals only. This value is set by the State, per 141.23(c).
For Organic Chemicals - State sets its own value for ground water only, per 141.23(c) and 141.24(c).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only (inorganic Yes, State only (organic)

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
061	RG-C-CGMNG	RGF-CHEM-COM-GRD-MIN-NEG

DESCRIPTION AND USE:	DATA TYPE: N
Minimum number of successive negative samples to return to normal frequency when MCL is violated for chemical contaminants.	PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive integer

EDIT CRITERIA:

(Inorganic Only)

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only: 1. must be entered - error code 041

(Organic only)

Must be:
1. numeric - error code 010
2. greater than zero - error code 013

ADDITIONAL COMMENTS: Federal regulations currently require sampling of ground only water sources for Community PWS for Inorganic Chemicals only. Minimum value set is 2 samples, per 141,23(c)
For Organic Chemicals - State sets its own values.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
062	RG-C-CSRYR	RGF-CHEM-COM-SUR-YRS-FST

DESCRIPTION AND USE:
Number of years during which the first water sample must be taken and analyzed for the applicable contaminant.

DATA TYPE: N

PICTURE: 9(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number

EDIT CRITERIA:

Must be: 1. numeric - error code 010
2. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 1 year. State values must not exceed this.
Federal Regulations: 141.23(a)(1) - Inorganic
141.24(a)(1) - Organic

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 063	MNEMONIC NAME: RG-C-CSSPF	PROGRAM NAME: RGF-CHEM-COM-SUR-SAMPLE-FREQ

DESCRIPTION AND USE:
Sampling frequency for analysis as applied to a particular contaminant, expressed in days.

DATA TYPE: N

PICTURE: 9(4)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

A positive number

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value as follows:
   a. Inorganic Chemicals - yearly (365 days)
   b. Organic Chemicals -set by the State, 3 year (1095 days) max.
State values may not exceed these: Federal Regulations: Inorganic -141.23(a)(1); Organic - 141.24(a)(1)

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, State only

DATA ELEMENT

CATALOGUE NO.: 064	**MNEMONIC NAME:** RG-C-CSVFQ	**PROGRAM NAME:** RGF-CHEM-COM-SUR-VIOL-FREQ

DESCRIPTION AND USE: Minimum sampling frequency, expressed in days, when MCL is violated for chemical contaminants	**DATA TYPE:** N **PICTURE:** 9(4)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive integer

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. established by the State - error code 018

ADDITIONAL COMMENTS:

This value is set by the State as per Federal regulations:
141.23(c) - Inorganic chemicals
141.24(c) - Organic chemicals

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 065	MNEMONIC NAME: RG-C-CSMNG	PROGRAM NAME: RGF-CHEM-COM-SUR-MIN-NEG

DESCRIPTION AND USE: Minimum number of successive negative samples to return to normal frequency when MCL is violated for chemical contaminants	DATA TYPE: N PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive integer

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 2. State values must equal or exceed this. Federal regulations: 141.23(c) - Inorganic Chemicals; 141.24(c) - Organic Chemicals

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

Binder 25
12/31/81

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 066	**MNEMONIC NAME:** RG-C-NEFDT	**PROGRAM NAME:** RGF-CHEM-NCOM-EFFECTIVE-DATE

DESCRIPTION AND USE: Date on which the applicable regulations become effective. On the VEF, the date on which the variance or exemption becomes effective.	**DATA TYPE:** N **PICTURE:** 9(5)

SOURCE(S):
Input Forms

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any valid date

EDIT CRITERIA:

Valid date or empty
Invalid date - error code 033
State only - if not entered, default to Federal date.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
057	RG-C-NGRYR	RGF-CHEM-NCOM-GRD-YRS-FST

DESCRIPTION AND USE:
Number of years during which the first water sample must be taken and analyzed for the applicable contaminant.

DATA TYPE: N

PICTURE: 9(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be: 1. numeric - error code 010
2. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently require monitoring of non-community PWS for Nitrate only - setting this value at 2 years. State values may not exceed this. Federal regulations 141.23(a)(3).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, State only

DATA ELEMENT

CATALOGUE NO.: 068	**MNEMONIC NAME:** RG-C-NGSPF	**PROGRAM NAME:** RGF-CHEM-NCOM-GRD-SAMPLE-FREQ

DESCRIPTION AND USE: Sampling frequency for analysis as applied to a particular contaminant, expressed in days.

DATA TYPE: N

PICTURE: 9(4)

SOURCE(S): Input Forms

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

A positive number, set by the State.

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. established by the State - error code 018

ADDITIONAL COMMENTS:

Federal regulations currently require monitoring of Non-community PWS for Nitrate only. This sampling frequency value is set by the State,per Federal regulations 141.23(a)(1).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, State only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
069	RG-C-NGVFQ	RGF-CHEM-NCOM-GRD-VIOL-FREQ

DESCRIPTION AND USE: Minimum sampling frequency, expressed in days, when MCL is violated for chemical contaminants.

DATA TYPE: N

PICTURE: 9(4)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive integer

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error 013 (too low)
3. established by the State - error code 018

ADDITIONAL COMMENTS:
Although initial check sampling requirements for Nitrate are established by the Fedreal regs, the sampling fequency while MCL is violated is left to the States per 141.23(c) and 141.23(d).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 070	MNEMONIC NAME: RG-C-NGMNG	PROGRAM NAME: RGF-CHEM-NCOM-GRD-MIN-NEG

DESCRIPTION AND USE: Minimum number of successive negative samples to return to normal frequency when MCL is violated for chemical contaminants.	DATA TYPE: N PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive integer

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently require monitoring of non-community PWS for Nitrate only - setting this value at 2 per Federal regs 141.23(c)
State values must equal or exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 071	MNEMONIC NAME: RG-C-NSRYR	PROGRAM NAME: RGF-CHEM-NCOM-SUR-YRS-FST

DESCRIPTION AND USE: Number of years during which the first water sample must be taken and analyzed for the applicable contaminant.	DATA TYPE: N PICTURE: 9(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

0 to 2

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently require monitoring of non-community PWS for Nitrate only -setting this value at 2 years, per Federal regulations 141.23(a)(3)
State regulations may not exceed this value.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No -	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, State only

DATA ELEMENT

CATALOGUE NO.: 072	**MNEMONIC NAME:** RG-C-NSSPF	**PROGRAM NAME:** RGF-CHEM-NCOM-SUR-SAMPLE-FREQ

DESCRIPTION AND USE: Sampling frequency for analysis as applied to a particular contaminant, expressed in days.	**DATA TYPE:** N **PICTURE:** 9(4)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

A positive number, set by the State

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. established by the State - error code 407

ADDITIONAL COMMENTS:
Federal regulations currently require monitoring of Non-community PWS for Nitrate only - this sampling frequency is set by the State, per Federal regulations 141.23(a)(3).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, State only

DATA ELEMENT

CATALOGUE NO.: 073	MNEMONIC NAME: RG-C-NSVFQ	PROGRAM NAME: RGF-CHEM-NCOM-SUR-VIOL-FREQ

DESCRIPTION AND USE: Minimum sampling frequency, expressed in days, when MCL is violated for chemical contaminants	DATA TYPE: N
	PICTURE: 9(4)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive integer

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. established by the State - error code 018

ADDITIONAL COMMENTS:
Although initial check sampling requirements for Nitrate are established by the Federal regs, the sampling frequency while MCL is violated is left to the States per 141.23(c) and 141.23(d)

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 074	**MNEMONIC NAME:** RG-C-NSMNG	**PROGRAM NAME:** RGF-CHEM-NCOM-SUR-MIN-NEG

DESCRIPTION AND USE: Minimum number of successive negative samples to return to normal frequency when MCL is violated for chemical contaminants	**DATA TYPE:** N **PICTURE:** 9(2)

SOURCE(S):

Input Forms

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive integer

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently require monitoring of Non-community PWS for Nitrate only - setting this value at 2 per Federal regs 141.23(c)
State regulations must meet or exceed this value.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** Depending upon application	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes

DATA ELEMENT

CATALOGUE NO.: 075*	**MNEMONIC NAME:** RG-CONID	**PROGRAM NAME:** RGF-EMIT-CONTAMINANT-ID

DESCRIPTION AND USE:
A 4-digit number for identifying a contaminant.

DATA TYPE: A/N

PICTURE: X(4)

SOURCE(S): Input Forms

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. a member of the Contaminant Code Table section of the Code Value Table file - error code 005
3. entered - error code 011

ADDITIONAL COMMENTS:
Federal codes are standardized but State may add more contaminants to the Contaminant Code Table.

*See Appendix A of this document.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
12/18/78

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 076	MNEMONIC NAME: RG-E-RGLVL	PROGRAM NAME: RGF-EMIT-REGU-LEVEL

DESCRIPTION AND USE: Used to indicate if the regulations concerning a contaminant are State or Federal regulations, and whether they are primary or secondary regulations.	DATA TYPE: A/N PICTURE: X(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

FP - Federal, Primary

EDIT CRITERIA:

Must be FP - error code 011

ADDITIONAL COMMENTS:

Regulations Table printout must be visually verified.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 077	MNEMONIC NAME: RG-E-TBLID	PROGRAM NAME: RGF-EMIT-TABLE-ID

DESCRIPTION AND USE: Identifies the table for which the record is intended.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

1 - BACTI Population Table
2 - Fluoride MCL Table
3 - Major Beta Emitter Table

EDIT CRITERIA:

Must be 1, 2, or 3 as shown above - error code 011

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 078	**MNEMONIC NAME:** RG-E-EFFDT	**PROGRAM NAME:** RGF-EMIT-EFFECTIVE-DATE

DESCRIPTION AND USE: Date on which the applicable regulations become effective.	**DATA TYPE:** N **PICTURE:** 9(5)

SOURCE(S): Input Forms

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any valid date

EDIT CRITERIA:

Valid date.
Invalid date - error code 033.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 79	MNEMONIC NAME: RG-E-CONAM	PROGRAM NAME: RGF-EMIT-CONTAM-NAME

DESCRIPTION AND USE: The scientific name of a contaminant. Used to simplify identification of contaminants and visual verification of the regulations printout.	DATA TYPE: A/N PICTURE: X(15)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

N/A

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 080	MNEMONIC NAME: RG-E-ANCON	PROGRAM NAME: RGF-EMIT-ANNUAL-CONCENT-EQUIV

DESCRIPTION AND USE: The average annual concentration of beta particle radioactivity equivalent to a total body or organ MCL dose of 4 millirems/yr, expressed in Picocuries/liter.

DATA TYPE: N

PICTURE: 9(5)V9

SOURCE(S):

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations section 141.16 Table A lists some of the major MCL equivalents.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
12/18/78

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 081	**MNEMONIC NAME:** RG-E-DETLM	**PROGRAM NAME:** RGF-EMIT-DETECTION-LIMIT

DESCRIPTION AND USE:
The detection limits for beta radioactivity expressed in Picocuries/liter.

DATA TYPE: N

PICTURE: 9(4)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations section 141.25 Table B lists some of the major detection limits.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 082*	MNEMONIC NAME: RG-E-NPPCD	PROGRAM NAME: RGF-EMIT-NUCL-FACILITY-CODE

DESCRIPTION AND USE: A 1-digit code used to identify the type of nuclear power plant.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

As defined in the Code Value Table (CVT).

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. either 1 or 2 - error code 011
3. at least one code must be entered - error code 011

ADDITIONAL COMMENTS:

Default of 'ƀ' (blank) applies if nothing entered, unless all 5 are blank, in which case they will remain blank and cause an error to be generated.

* See Appendix A of this document.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 083*	MNEMONIC NAME: RG-CONID	PROGRAM NAME: RGF-FLOR-CONTAMINANT-ID

DESCRIPTION AND USE:
A 4-digit number for identifying a contaminant.

DATA TYPE: A/N

PICTURE: X(4)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. a member of the Contaminant Code Table section of the Code Value Table file - error code 005
3. entered - error code 011

ADDITIONAL COMMENTS:
Federal codes are standardized but State may add more contaminants to the Contaminant Code Table.

*See Appendix A of this document.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No -	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 084	MNEMONIC NAME: RG-F-RGLVL	PROGRAM NAME: RGF-FLOR-REGU-LEVEL

DESCRIPTION AND USE: Used to indicate if the regulations concerning a contaminant are State or Federal regulations, and whether they are primary or secondary regulations.

DATA TYPE: A/N

PICTURE: X(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

SP - State, Primary
SS - State, Secondary
FP - Federal, Primary
FS - Federal, Secondary

EDIT CRITERIA:

Must be in above list - error code 011

ADDITIONAL COMMENTS:

Regulations Table printout must be visually verified.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976

VERSION: 1

REQUESTED BY EPA TO BE REPORTED ANNUALLY: No

MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 085

MNEMONIC NAME: RG-F-TBLID

PROGRAM NAME: RGF-FLOR-TABLE-ID

DESCRIPTION AND USE: Identifies the table for which the record is intended.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

1 - BACTI Population Table
2 - Fluoride MCL Table
3 - Major Beta Emitter Table

EDIT CRITERIA:

Must be 1, 2, or 3 as shown above - error code 011

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, Federal Only

DATA ELEMENT

CATALOGUE NO.: 086	**MNEMONIC NAME:** RG-F-TRFLO	**PROGRAM NAME:** RGF-FLOR-TEMP-FAHR-LOW

DESCRIPTION AND USE: The lower range of temperature, expressed in degrees Fahrenheit, for Fluoride sampling.	**DATA TYPE:** N **PICTURE:** 9(2)V9

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. less than corresponding RG-F-TRFHI - error code 012 (too high)
3. as stringent as Federal - error code 006 (too low)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations currently set temperature ranges. State values may overlap Federal values but RG-F-TRMCL will be adjusted upward to meet the highest Federal requirement within the State temperature range. Missing State values will be substituted by Federal values shown in 141.11(c).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 087	MNEMONIC NAME: RG-F-TRFHI	PROGRAM NAME: RGF-FLOR-TEMP-FAHR-HIGH

DESCRIPTION AND USE: The upper range of temperature, expressed in degrees Fahrenheit for Fluoride sampling.	DATA TYPE: N PICTURE: 9(2)V9

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. more than corresponding RG-F-TRFLO - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations currently set temperature ranges. State values may overlap Federal values but RG-F-TRMCL will be adjusted upward to meet the highest Federal requirement within the State temperature range. Missing state values will be substituted by Federal values shown in 141.11(c).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
088	RG-F-TRCLO	RGF-FLOR-TEMP-CENT-LOW

DESCRIPTION AND USE: The lower range of temperature, expressed in degrees Celsius, for Fluoride sampling.

DATA TYPE: N

PICTURE: 9(2)V9

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. less than corresponding RG-F-TRCHI - error code 012 (too high)
3. as stringent as Federal - error code 006 (too low)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations currently set temperature ranges. State values may overlap Federal values but RG-F-TRMCL will be adjusted upward to meet the highest Federal requirement within the State temperature range. Missing State values will be substituted by Federal Values shown in 141.11 (c).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
089	RG-F-TRCHI	RGF-FLOR-TEMP-CENT-HIGH

DESCRIPTION AND USE:
The upper range of temperature, expressed in degrees Celsius, for Fluoride sampling.

DATA TYPE: N

PICTURE: 9(2)V9

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. more than corresponding RG-F-TRCLO - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations currently set temperature ranges. State values may overlap Federal values but RG-F-TRMCL will be adjusted upward to meet the highest Federal requirement within the State temperature range. Missing State values will be substituted by Federal values shown in 141.11(c).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
090	RG-F-TRMCL	RGF-FLOR-TEMP-RANGE-MCL

DESCRIPTION AND USE: The MCL express in milligrams/liter for a corresponding temperature range (RG-F-TRFAR or RG-F-TRCEL) for Fluoride sampling.

DATA TYPE: N

PICTURE: 9(4)V99

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations currently set temperature ranges. State values may overlap Federal values but RG-F-TRMCL will be adjusted upward to meet the highest Federal requirement within the State temperature range. Missing State values will be substituted by Federal values shown in 141.11(c).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 091	**MNEMONIC NAME:** RG-F-RBFLO	**PROGRAM NAME:** RGF-FLOR-REAS-FAHR-LOW

DESCRIPTION AND USE: Lower reasonable bound of temperature ranges, as expressed in degrees Fahrenheit for Fluoride sampling	**DATA TYPE:** N **PICTURE:** 9(2)V9

SOURCE(S):

Input Forms

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be: 1. numeric - error code 010
2. less than corresponding RG-F-RBFHI - error code 012 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Used only as an edit for temperature input data, not as an MCL check.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 092	MNEMONIC NAME: RG-F-RBFHI	PROGRAM NAME: RGF-FLOR-REAS-FAHR-HIGH

DESCRIPTION AND USE: Upper reasonable bound of temperature ranges, as expressed in degrees Fahrenheit, for Fluoride sampling.	DATA TYPE: N PICTURE: 9(2)V9

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. more than corresponding RG-F-RBFLO - error code 013 (too low)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:

Used only as an edit for temperature input data, not as an MCL check.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 093	MNEMONIC NAME: Rg-F-RBCLO	PROGRAM NAME: RGF-FLOR-REAS-CENT-LOW

DESCRIPTION AND USE: Lower reasonable bound for temperature ranges, as expressed in degrees Celsius, for Fluoride sampling.	DATA TYPE: N PICTURE: 9(2)V9(1)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. less than corresponding RG-F-RBCHI - error code 012 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Used only as an edit for temperature input data, not as an MCL check.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 094	MNEMONIC NAME: RG-F-RBCHI	PROGRAM NAME: RGF-FLOR-REAS-CENT-HIGH

DESCRIPTION AND USE: Upper reasonable bound of temperature ranges as expressed in degrees Celsius, for Fluoride sampling.	DATA TYPE: N PICTURE: 9(2)V9(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. more than corresponding RG-F-RBCLO - error code 013 (too low)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Used only as an edit for temperature input data, not as an MCL check.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** Depending upon application	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes

DATA ELEMENT

CATALOGUE NO.: 095*	**MNEMONIC NAME:** RG-CONID	**PROGRAM NAME:** RGF-BACT-CONTAMINANT-ID

DESCRIPTION AND USE:
A 4-digit number for identifying a contaminant

DATA TYPE: A/N

PICTURE: X(4)

SOURCE(S): Input Forms

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. a member of the Contaminant Code Table section of the Code Value Table file - error code 005
3. entered - error code 011

ADDITIONAL COMMENTS:
Federal codes are standardized but State may add more contaminants to the Contaminant Code Table.

*See Appendix A of this document.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
096	RG-M-RGLVL	RGF-BACT-REGU-LEVEL

DESCRIPTION AND USE: Used to indicate if the regulations concerning a contaminant are State or Federal regulations, and whether they are primary or secondary regulations.

DATA TYPE: A/N

PICTURE: X(2)

SOURCE(S):

Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

SP - State, Primary
SS - State, Secondary
FP - Federal, Primary
FS - Federal, Secondary

EDIT CRITERIA:

Must be in above list - error code 011

ADDITIONAL COMMENTS:

Regulations Table printout must be visually verified.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 097	**MNEMONIC NAME:** RG-M-CONAM	**PROGRAM NAME:** RGF-BACT-CONTAM-NAME

DESCRIPTION AND USE: The scientific name of a contaminant. Used to simplify identification of contaminants and visual verification of the regulations printout.	**DATA TYPE:** A/N **PICTURE:** X(15)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

N/A

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 098	MNEMONIC NAME: RG-M-EFFDT	PROGRAM NAME: RGF-BACT-EFFECTIVE-DATE

DESCRIPTION AND USE: Date on which the applicable regulations become effective. On the VEF, the date on which the variance or exemption becomes effective.	DATA TYPE: N PICTURE: 9(5)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any valid date

EDIT CRITERIA:

Valid date or empty
Invalid date - error code 033
State only - if not entered, default to Federal date.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 099	**MNEMONIC NAME:** RG-M-MF-SM	**PROGRAM NAME:** RGF-BACT-MF-SINGLE-SAMPLE-MCL

DESCRIPTION AND USE: Represents the single sample MCL, the maximum number of coliform bacteria, per 100 milliters in a single sample, not to be exceeded. Used in Bacteriological sampling*

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set this value at 4. State regulations must not exceed this. Federal regulations - 141.14(a)(2).

*Membrane Filter Method

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 100	MNEMONIC NAME: RG-M-MF-MT	PROGRAM NAME: RGF-BACT-MF-MONTHLY-MCL

DESCRIPTION AND USE: Represents the Monthly MCL, a number of coliform bacteria per 100 milliliters, as the mean of all samples examined per month not to be exceeded. Used in Bacteriological *	DATA TYPE: N PICTURE: 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 1. State regulations must not exceed this. Federal regulations - 141.14(a)(1).

*Sampling, Membrane Filter Method

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes,Federal only

DATA ELEMENT

CATALOGUE NO.: 101	MNEMONIC NAME: RG-M-MF-PS	PROGRAM NAME: RGF-BACT-MF-PERCENT-SAMPLES

DESCRIPTION AND USE: Represents the percent of samples, out of the total number of samples per month, containing a certain number of coliform bacteria per 100 milliliters - not *	DATA TYPE: N PICTURE: 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be: 1. numeric - error code 010
2. greater than zero - error code 013
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set this value at 5. State regulations must not exceed this. Federal regulations - 141.14(a)(3).

*to be exceeded. Used in Bacteriological sampling, Membrane Filter Method.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 102	MNEMONIC NAME: RGF-M-MF-MR	PROGRAM NAME: RGF-BACT-MF-MIN-REQD-SAMPLES

DESCRIPTION AND USE: The minimum number of samples examined per month required in order to use the percent of samples (RG-M-MF-PS) instead of the monthly MCL (RG-M-MF-MT). Used in *	DATA TYPE: N PICTURE: 9(2)

SOURCE(S):

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set this value at 20. State regulations may meet or exceed this. Federal regulations - 141.14(a)(2) and 141.14(a)(3).

*Bacteriological sampling, Membrane Filter Method.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 103	MNEMONIC NAME: RG-M-MF-MC	PROGRAM NAME: RGF-BACT-MF-MCL-FOR-PERCENT

DESCRIPTION AND USE: The number of coliform bacteria per 100 milliliters which should not be exceeded for a specific number of samples (RGF-BACT-MF-MONTHLY-MCL) when less than a *	DATA TYPE: N PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 4. State regulations may not exceed this. Federal regulations - 141.14(a)(3).

*specific number of samples (RGF-BACT-MF-MIN-REQD-SAMPLES) are examined per month.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 104	MNEMONIC NAME: RG-M-FT-SM	PROGRAM NAME: RGF-BACT-FT-SINGLE-SAMPLE-MCL

DESCRIPTION AND USE: Represents the Single Sample MCL, the maximum number of positive portions in a single sample, not to be met or exceeded. Used in Bacteriological sampling. *	DATA TYPE: N PICTURE: 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 3. State regulations must not exceed this. Federal regulations - 141.14(b)(1)(ii).

*Fermentation Tube 10 ml. method.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 105	MNEMONIC NAME: RG-M-FT-MT	PROGRAM NAME: RGF-BACT-FT-MONTHLY-MCL

DESCRIPTION AND USE: Represents the Monthly MCL, the positive portions as a percent of the total number of samples in any month. Not to be exceeded. Used in Bacteriological *	DATA TYPE: N PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set this value at 10. State regulations must not exceed this. Federal regulations - 141.14(b)(1)(i).

*Sampling, Ferm. Tube 10 ml. method.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 106	MNEMONIC NAME: RG-M-FT-PS	PROGRAM NAME: RGF-BACT-FT-PERCENT-SAMPLES

DESCRIPTION AND USE: Represents the percent of samples, out of the total number of samples per month, containing positive portions out of the total number of samples per month *	DATA TYPE: N PICTURE: 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 5. State regulations must not exceed this. Federal regulations - 141.14(b)(1)(iii).

*containing a certain number of positive portions - not to be exceeded. Used in bacteriological sampling, Ferm. Tube 10 ml. method

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
107	RG-M-FT-MR	RGF-BACT-FT-MIN-REQD-SAMPLES

DESCRIPTION AND USE: The minimum number of samples examined per month required in order to use the percent of samples (RG-M-FT-PS) instead of the Monthly MCL (RG-M-FT-MT). Used in *

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 20. State regulations may meet or exceed this. Federal regulations - 141.14(b)(1)(ii) and 141.14(b)(1)(iii).

*Bacteriological sampling.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
108	RG-M-FT-MC	RGF-BACT-FT-MCL-FOR-PERCENT

DESCRIPTION AND USE: The required number of positive portions. When the percent MCL (RG-M-FT-PS) is used, not to be met or exceeded. Used in Bacteriological Sampling.

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 3. State regulations may not exceed this. Federal regulations - 141.14(b)(1)(iii).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 109	MNEMONIC NAME: RG-M-FH-SM	PROGRAM NAME: RGF-BACT-FH-SINGLE-SAMPLE-MCL

DESCRIPTION AND USE: Represents the Single Sample MCL, the maximum number of positive portions in a single sample, not to be met or exceeded. Used in Bacteriological sampling *	DATA TYPE: N PICTURE: 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set this value at 5. State regulations must not exceed this. Federal regulations - 141.14(b)(2)(ii).

*Ferm. Tube 100 ml. method.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
10	RG-M-FH-MT	RGF-BACT-FH-MONTHLY-MCL

DESCRIPTION AND USE: Represents the Monthly MCL, the positive portions as a percent of the total number of samples in any one month - not to be exceeded. Used in bacteriological *

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 60. State regulations must not exceed this. Federal regulations - 141.14(b)(2)(i).

*sampling, Ferm. Tube 100 ml. method.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes,Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
111	RG-M-FH-PS	RGF-BACT-FH-PERCENT-SAMPLES

DESCRIPTION AND USE: Represents the percent of samples, out of the total number of samples per month, containing positive portions out of the total number of samples per month *

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations currently set this value at 20. State regulations must not exceed this. Federal regulations - 141.14(b)(2)(iii).

*containing a certain number of positive portions - not to be exceeded. Used in Bacteriological sampling, Ferm. Tube 100 ml. method

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
112	RG-M-FH-MR	RGF-BACT-FH-MIN-REQD-SAMPLES

DESCRIPTION AND USE: The minimum number of samples examined per month required in order to use the percent of samples (RG-M-FH-PS) instead of the Monthly MCL (RG-M-FH-MT). Used in *

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 5. State regulations may meet or exceed this. Federal regulations - 141.14(b)(2)(ii). and 141.14(b)(2)(iii).

*Bacteriological sampling, Ferm. Tube 100 ml. method.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 113	MNEMONIC NAME: RG-M-FH-MC	PROGRAM NAME: RGF-BACT-FH-MCL-FOR-PERCENT

DESCRIPTION AND USE: The required number of positive portions. When the percent MCL (RG-M-FH-PS) is used - not to be met or exceeded. Used in Bacteriological sampling.	DATA TYPE: N PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set this value at 5. State regulations may not exceed this. Federal regulations 141.14(b)(a)(iii).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
114	RG-M-RQMAX	RGF-BACT-REQMNTS-MAX-SAMPLES

DESCRIPTION AND USE:
The number of required samples, less than which, a PWS may waive monthly sampling. Used for Bacteriological contaminants.

DATA TYPE: N

PICTURE: 9(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 4. State regulations may not exceed this value. Federal regulations - 141.14(c).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 115	MNEMONIC NAME: RG-M-RQSPD	PROGRAM NAME: RGF-BACT-REQMNTS-SAMPLE-PERIOD

DESCRIPTION AND USE: The sampling period, expressed in months, used in lieu of the one-month sampling period when the PWS qualifies under RG-M-RQMAX. Used for BACTI sampling.	DATA TYPE: N PICTURE: 9(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

1 to 9

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. value between 1 and 9 - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 3. State regulations must not exceed this value. Federal regulations - 141.14(c).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 116	MNEMONIC NAME: RG-M-CKCDS	PROGRAM NAME: RGF-BACT-CHK-MIN-DAILY-SAMPLES

DESCRIPTION AND USE: The minimum number of consecutive daily check samples required for Bacteriological sampling when single sample MCL is violated.	DATA TYPE: N PICTURE: 9(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 2. State regulations must meet or exceed this value. Federal regulations - 141.21(d)(1), 141.21(d)(2), 141.21(d)(3).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 117	MNEMONIC NAME: RG-M-CKMNP	PROGRAM NAME: RGF-BACT-CHK-MIN-NEG-PORTIONS

DESCRIPTION AND USE: The minimum number of consecutive negative check samples required to halt check sampling when single sample MCL is violated. Used for both 10 ml. and 100 ml. *	DATA TYPE: N PICTURE: 9(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 2. State regulations must meet or exceed this value. Federal regulations - 141.21(d)(2) and 141.21(d)(3)

*Fermentation Tube Methods for BACTI Sampling.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 116	MNEMONIC NAME: RG-M-CKMCB	PROGRAM NAME: RGF-BACT-CHK-MIN-MEMBRANE-FILT

DESCRIPTION AND USE: The number of consecutive check samples showing less than 1 coliform bacteria per 100 milliliters - to halt check sampling when single sample MCL is violated ,*	DATA TYPE: N PICTURE: 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 2. State regulations must meet or exceed this value. Federal regulations - 141.21(b)(1).

*Use in BACTI sampling, Membrane Filter method.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
119	RG-M-C-LEU	RGF-BACT-CHL-SAMPLES-IN-LIEU

DESCRIPTION AND USE: Number of samples to be taken for chlorine residual, in lieu of one sample required for bacteriological analysis, when the chlorine residual method is used. Used*

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set this value at 4. State regulations must meet or exceed this value. Federal regulations - 141.21(h)

*in BACTI sampling.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
120	RG-M-C-MXP	RGF-BACT-CHL-MAX-PERCENT

DESCRIPTION AND USE: Percent of samples for bacteriological analysis that may be replaced by the equivalent number of samples for analysis by the chlorine residual method, at the *

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations currently set this value at 75(%). All State regulations must be less than or equal to this value. Federal regulations - 141.21(h).

* ratio indicated in RG-M-C-LEU.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
121	RG-M-C-MCL	RGF-BACT-CHL-MIN-CHLORINE-LVL

DESCRIPTION AND USE: The minimum chlorine level, expressed as milligrams per liter, to be maintained throughout the PWS, used in Chlorine Residual Analysis Method.

DATA TYPE: N

PICTURE: V99

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric value greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013(too low)
3. as stringent as Federal - error code 006 (too low)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations set RG-M-C-MCL at 0.2 mg/lit. All state regulations must meet or exceed this value. Federal regulations - 141.21(h)

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
222	RG-M-C-MXT	RGF-BACT-CHL-MAX-TIME-RETEST

DESCRIPTION AND USE: The maximum time, expressed in minutes, to retest the chlorine level (using the chlorine residual analysis method) for coliform bacteria.	DATA TYPE: N PICTURE: 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:
The Federal regulations specify "preferably within one hour" as the maximum. State regulations must not exceed this value. Federal regulations - 141.14(h).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: NO

DATA ELEMENT

CATALOGUE NO.: 123	MNEMONIC NAME: RG-M-NEFDT	PROGRAM NAME: RGF-BACT-NCOM-EFFECTIVE-DATE

DESCRIPTION AND USE: Date on which the applicable regulations become effective.	DATA TYPE: N PICTURE: 9(5)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any valid date

EDIT CRITERIA:

Valid date or empty
Invalid date - error code 033
State only - if not entered, default to Federal date.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 124	MNEMONIC NAME: RG-M-NSEAS	PROGRAM NAME: RGF-BACT-NCOM-SEASONAL-CODE

DESCRIPTION AND USE: A flag indicating whether seasonal sampling applies to a contaminant. If so, MSIS will schedule sampling during season time. Season is determined by PWF *	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

N - Seasonal Sampling not required
Y - Seasonal Sampling required

EDIT CRITERIA:

Must be N or Y - error code 011

ADDITIONAL COMMENTS:
Sample taken out of season will not be rejected by the Water Quality Compliance Subsystem, but will not be considered as complying with sampling requirements.

* data elements PW-SEA-STR and PW-SEA-END.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes , Federal only

DATA ELEMENT

CATALOGUE NO.: 125	MNEMONIC NAME: RG-M-NPERD	PROGRAM NAME: RGF-BACT-NCOM-SAMPLING-PERIOD

DESCRIPTION AND USE: A flag to define the sampling period for bacteriological contaminants monitoring. Applied to non-community PWS's.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Q - Quarter
M - Month

EDIT CRITERIA:

must be 'Q' or 'M' - error code 011

ADDITIONAL COMMENTS:

The Federal regulations currently require quarterly sampling. Federal regulations - 141.21(c).

MODEL STATE INFORMATION SYSTEM

Binder 25
9/30/79

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 126	MNEMONIC NAME: RG-M-NSPFQ	PROGRAM NAME: RGF-BACT-NCOM-SAMPLE-FREQ

DESCRIPTION AND USE: Number of samples required per period.	DATA TYPE: N PICTURE: 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

A positive number

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

ADDITIONAL COMMENTS:
Federal regulations currently require one sample per quarter, per 141.21(c)

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 127*	MNEMONIC NAME: RG-CONID	PROGRAM NAME: RGF-BPOP-CONTAMINANT-ID

DESCRIPTION AND USE: A 4-digit number for identifying a contaminant.	DATA TYPE: A/N PICTURE: X(4)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. a member of the Contaminant Code Table section of the Code Value Table files - error code 005

ADDITIONAL COMMENTS:
Federal codes are standardized but State may add more contaminants to the Contaminant Code Table.

* See Appendix A of this document.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 128	MNEMONIC NAME: RG-P-RGLVL	PROGRAM NAME: RGF-BPOP-REGU-LEVEL

DESCRIPTION AND USE: Used to indicate if the regulations concerning a contaminant are State or Federal regulations, and whether they are primary or secondary regulations	DATA TYPE: A/N PICTURE: X(2)

SOURCE(S):

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

FP - Federal, Primary
FS - Federal, Secondary
SP - State, Primary
SS - State, Secondary

EDIT CRITERIA:

Must be in above list - error code 011

ADDITIONAL COMMENTS:

Regulations Table printout must be visually verified.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 129	MNEMONIC NAME: RG-P-TBLID	PROGRAM NAME: RGF-BPOP-TABLE-ID

DESCRIPTION AND USE:
Identifies the table for which the record is intended

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

1 - BACTI Population Table
2 - Fluoride MCL Table
3 - Major Beta Emitter Table

EDIT CRITERIA:

Must be 1, 2, or 3 as shown above - error code 011

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: [illegible]	MNEMONIC NAME: RG-P-T-FRM	PROGRAM NAME: RGF-BPOP-TBL-FROM-POPULATION

DESCRIPTION AND USE: Sampling frequency for bacteriological analysis is based on population size. The RG-P-T-FRM is the lower limit of the population size group	DATA TYPE: N PICTURE: 9(9)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations currently set population ranges State values may overlap Federal values but RG-P-T-FRQ will be adjusted upward to meet the highest Federal requirement within the State population range. Missing State values will be substituted by Federal values shown in 141.21(b).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 131	MNEMONIC NAME: RG-P-T-TOP	PROGRAM NAME: RGF-BPOP-TBL-TO-POPULATION

DESCRIPTION AND USE: The upper limit defining a population size group in the sampling frequency table for bacteriological monitoring	DATA TYPE: N PICTURE: 9(9)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 006 (too low)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS: Federal regulations currently set population ranges. State values may overlap Federal values but RG-P-T-FRQ will be adjusted upward to meet the highest Federal requirement within the State population range. Missing State values will be substituted by Federal values shown in 141.21(b).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 132	MNEMONIC NAME: RG-P-T-FRQ	PROGRAM NAME: RGF-BPOP-TBL-SAMPLE-FREQ

DESCRIPTION AND USE: Number of bacti samples required per month for a given population range.	DATA TYPE: N PICTURE: 9(3)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

A positive number

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013(too low)
3. as stringent as Federal - error code 006 (too low)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently set population ranges. If State values overlap Federal values, then RG-P-T-FRQ will be adjusted upward to meet the highest Federal requirement within the State population range. Missing state values will be substituted by Federal values shown in 141.21.(b).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Depending upon application	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 133*	MNEMONIC NAME: RG-CONID	PROGRAM NAME: RGF-TURB-CONTAMINANT-ID

DESCRIPTION AND USE:
A 4-digit number for identifying a contaminant

DATA TYPE:
A/N

PICTURE:
X(4)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. a member of the Contaminant Code Table section of the Code Value Table files - error code 005
3. entered - error code 011

ADDITIONAL COMMENTS:
Federal codes are standardized but State may add more contaminants to the Contaminant Code Table.

*See Appendix A of this document.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 134	MNEMONIC NAME: RG-T-RGLVL	PROGRAM NAME: RGF-TURB-REGU-LEVEL

DESCRIPTION AND USE: Used to indicate if the regulations concerning a contaminant are State or Federal regulations, and whether they are primary or secondary regulations.	DATA TYPE: A/N PICTURE: X(2)

SOURCE(S):

Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

SP - State, Primary
SS - State, Secondary
FP - Federal, Primary
FS - Federal, Secondary

EDIT CRITERIA:

Must be in above list - error code 011

ADDITIONAL COMMENTS:

Regulations Table printout must be visually verified

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 135	MNEMONIC NAME: RG-T-CONAM	PROGRAM NAME: RGF-TURB-CONTAM-NAME

DESCRIPTION AND USE: The scientific name of a contaminant. Used to simplify identification of contaminants and visual verification of the regulations printout.

DATA TYPE: A/N

PICTURE: X(15)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

N/A

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 136	MNEMONIC NAME: RG-T-MOMCL	PROGRAM NAME: RGF-TURB-MONTHLY-MCL

DESCRIPTION AND USE: Compliance with the regulations concerning turbidity contaminant is based on an MCL for the monthly average of daily samples expressed as a number of turbidity units.	DATA TYPE: N PICTURE: 9V9

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. the State Primary Regulation value cannot exceed 5.0

Federal only:
1. must be entered - 041

ADDITIONAL COMMENTS:

Federal regulations currently set this value at 1, per Federal regulations 141.13(a).
State regulations must meet or exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 137	MNEMONIC NAME: RG-T-CNMCL	PROGRAM NAME: RGF-TURB-CONSECUTIVE-MCL

DESCRIPTION AND USE: Compliance for Turbidity is also measured by comparing the moving average of consecutive daily samples with the RGF-TURB-CONSECUTIVE-MCL expressed in Turbidity units.	DATA TYPE: N PICTURE: 9V9

SOURCE(S):

Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any number

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:

The Federal regulations currently set this value at 5, per Federal regulations 141.13(b).
State regulations must not exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No -	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
138	RG-T-CNSPL	RGF-TURB-CONSECUTIVE-SAMPLES

DESCRIPTION AND USE:
Number of consecutive days to be included in the moving daily average for determining compliance with turbidity MCL.

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Can be any positive number

EDIT CRITERIA:

Must be:
1. numeric -error code 010
2. non-zero if RGF-CONSECUTIVE-MCL is non-zero - error code 013
3. as stringent as Federal - error code 006 (too low)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set this value at 2, per Federal regulations 141.13(b).
State regulations must meet or exceed this.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
139	RG-T-EFFDT	RGF-TURB-EFFECTIVE-DATE

DESCRIPTION AND USE: Date on which the applicable regulations become effective. On the VEF, the date on which the variance or exemption becomes effective.

DATA TYPE: N

PICTURE: 9(5)

SOURCE(S):

Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		X	X						
OUTPUT OF:		X							

ACCEPTABLE VALUES:

Any valid date

EDIT CRITERIA:

Valid date or empty
Invalid date - error code 033
State only - if not entered, default to Federal date.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes , Federal only

DATA ELEMENT

CATALOGUE NO.: 40	MNEMONIC NAME: RG-T-ALLSR	PROGRAM NAME: RGF-TURB-ALL-SOURCES

DESCRIPTION AND USE: Flag indicating if turbidity is to be monitored only at PWS using Surface water. Currently only surface water are to be checked for turbidity.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Y - Monitor all water sources
N - Do not monitor ground only sources

EDIT CRITERIA:

Must be 'Y' or'N' - error code 011

ADDITIONAL COMMENTS:

Federal regulations currently do not require monitoring for Turbidity for ground water only PWS; per Federal regulations 141.13.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
9/23 1976	1	No	Yes, Federal only

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
141	RG-T-RPTIN	RGF-TURB-REPEAT-INCLUDED

DESCRIPTION AND USE: A flag indicating if repeat (check) samples are to be included in the monthly average in place of the original sample. Applies to Turbidity monitoring. *

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Y - Yes, include repeat samples
N - No, exclude repeat samples

EDIT CRITERIA:

Must be: 1. 'Y' or 'N' - error code 011
2. as stringent as Federal ('Y') - error code 006

Federal only: 1. must be entered - error code 041

ADDITIONAL COMMENTS:
Federal regulations currently require that the repeat sample be the sample used for the purpose of calculating the monthly average, per Federal regulations 141.22(b). State regulations must use 'Y' as their value.
*Currently, repeat samples have to be considered.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
5/31/80

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: [illegible]42	MNEMONIC NAME: RG-T-CSPFQ	PROGRAM NAME: RGF-TURB-COM-SAMPLE-FREQ

DESCRIPTION AND USE: Monitoring frequency for analysis as applied to Turbidity contaminant, expressed in hours, for community PWS.	DATA TYPE: N PICTURE: 9(3)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

A positive number

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
5/31/80

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 143	MNEMONIC NAME: RG-T-NSPFQ	PROGRAM NAME: RGF-TURB-NCOM-SAMPLE-FREQ

DESCRIPTION AND USE: Monitoring frequency for analysis as applied to Turbidity contaminant, expressed in hours, for Non-Community PWS.	DATA TYPE: N PICTURE: 9(3)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

A positive number

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 9/23 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes, Federal only

DATA ELEMENT

CATALOGUE NO.: 144	MNEMONIC NAME: RG-T-MRSPL	PROGRAM NAME: RGF-TURB-MAX-RESAMPLING-PERIOD

DESCRIPTION AND USE: The maximum resampling period, expressed in minutes, if MCL is exceeded in Turbidity sample	DATA TYPE: N PICTURE: 9(2)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:		x	x						
OUTPUT OF:		x							

ACCEPTABLE VALUES:

Any positive number greater than zero

EDIT CRITERIA:

Must be:
1. numeric - error code 010
2. greater than zero - error code 013 (too low)
3. as stringent as Federal - error code 007 (too high)

Federal only:
1. must be entered - error code 041

ADDITIONAL COMMENTS:

Federal regulations currently set this value at 1 hour ("preferably") or "as soon as practicable," per Federal regulations 141.22(b)

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 145	MNEMONIC NAME: PW-ID	PROGRAM NAME: PWF-ID

DESCRIPTION AND USE:
Seven digit number uniquely identifying a Public Water System within a State.

DATA TYPE: A/N

PICTURE: X(7)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Numeric 0000001 to 9999999

EDIT CRITERIA:

Must be numeric - error code 010
On an addition transaction, must not exist on file - error code 002
On other transactions, must exist on file - error code 003

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 146	MNEMONIC NAME: PW-OWNA	PROGRAM NAME: PWF-PLANT-OWNER-NAME

DESCRIPTION AND USE: Represents the name of the official plant name owner of a Public Water System.	DATA TYPE: A/N PICTURE: X(30)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any character string

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 147	MNEMONIC NAME: PW-PL-STRT	PROGRAM NAME: PWF-PLANT-STREET

DESCRIPTION AND USE:

Represents the owner or plant street address.

DATA TYPE: A/N

PICTURE: X(30)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any character string

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 148	MNEMONIC NAME: PW-PL-CITY	PROGRAM NAME: PWF-PLANT-CITY

DESCRIPTION AND USE: Represents the owner or plant city name.	DATA TYPE: A/N PICTURE: X(30)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any character string

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

Binder 25
4/30/80

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 149	MNEMONIC NAME: PW-PL-STAT	PROGRAM NAME: PWF-PLANT-STATE

DESCRIPTION AND USE:
Represents the postal code of the state used with the PWS plant or owner address.

DATA TYPE: A/N

PICTURE: X(2)

SOURCE(S): Input form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

One of the 78 state codes of which 56 are assigned to states or trust territories, 12 are Canadian Provinces and 10 are EPA Regions, as defined on the Code Value Table.

EDIT CRITERIA:

If entered, must be on the Code Value Table - error code 402
If entered, must be alphabetic - error 408

ADDITIONAL COMMENTS:

May be different from the mailing address state code and the state code of the PWS responsible for Water Quality Monitoring. (Catalogue Number 154).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes -	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 150	MNEMONIC NAME: PW-PL-ZIP	PROGRAM NAME: PWF-PLANT-ZIP-CODE

DESCRIPTION AND USE: Represents the zip code of the PWS Plant or owner address.	DATA TYPE: A/N PICTURE: X(5)

SOURCE(S): Input form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any 5 digit number or blank

EDIT CRITERIA:

If entered, must be a 5 digit numeric greater than zero - error code 401 or 405.

ADDITIONAL COMMENTS:

Should be a valid zip code.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
11/16 1976	1	No	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
151	PW-MA-NAME	PWF-MAILING-NAME

DESCRIPTION AND USE: Represents the mailing name of the Public Water System.

DATA TYPE: A/N

PICTURE: X(30)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any character string

EDIT CRITERIA:

ADDITIONAL COMMENTS: May be different from the PWS plant or owner mailing name. It is the name to whom all correspondence is mailed. For example, in sample scheduling, this name will be printed on sample forms and mailing labels.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 152	MNEMONIC NAME: PW-MA-STRT	PROGRAM NAME: PWF-MAILING-STREET

DESCRIPTION AND USE:

Represents the street name and number of the mailing address of the Public Water System

DATA TYPE: A/N

PICTURE: X(30)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any character string

EDIT CRITERIA:

ADDITIONAL COMMENTS:
May be different from the PWS plant or owner street address. It is the street name and number to which all correspondence is mailed. For example, in sample scheduling, this street name and number will be printed on sample forms and mailing labels.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 153	MNEMONIC NAME: PW-MA-CITY	PROGRAM NAME: PWF-MAILING-CITY

DESCRIPTION AND USE:
Represents the city name of the mailing address of the Public Water System.

DATA TYPE: A/N

PICTURE: X(30)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any character string

EDIT CRITERIA:

ADDITIONAL COMMENTS:
May be different from the PWS plant or owner city name. It is the city name to which all correspondence is mailed. For example, in sample scheduling, this is the city name which will be printed on sample forms and mailing labels.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

Binder 25
4/30/80

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No -	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 154 *	**MNEMONIC NAME:** PW-MA-STAT	**PROGRAM NAME:** PWF-MAILING-STATE

DESCRIPTION AND USE: Represents the postal code of the state used with the Public Water System mailing address.	**DATA TYPE:** A/N **PICTURE:** X(2)

SOURCE(S): Input Forms

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

One of the 78 state codes of which 56 are states, or trust territories, 12 are Canadian Provinces and 10 are EPA regions as defined on the Code Value Table.

EDIT CRITERIA:

If entered, must be on the Code Value Table - error code 402
If entered, must be alphabetic - error code 408

ADDITIONAL COMMENTS:

May be different from the state code used with the PWS plant or owner mailing address (Catalogue Number 149).

* See Appendix A of this document.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 155	**MNEMONIC NAME:** PW-MA-ZIP	**PROGRAM NAME:** PWF-MAILING-ZIP-CODE

DESCRIPTION AND USE: Represents the zip code of the PWS Mailing Address.	**DATA TYPE:** A/N **PICTURE:** X(5)

SOURCE(S):

Input Forms

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any 5 digit numeric or blank

EDIT CRITERIA:

If entered, must be 5 digit numeric greater than zero - error code 401 or 405

ADDITIONAL COMMENTS:

Should be a valid zip code.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 156	MNEMONIC NAME: PW-MA-ARCO	PROGRAM NAME: PWF-MAILING-AREA-CODE

DESCRIPTION AND USE: Represents the area code of the telephone number to be used when telephone communications are necessitated with the Public Water System.	DATA TYPE: A/N PICTURE: X(3)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any 3 digit numeric or blank.

EDIT CRITERIA:

If entered, must be a 3 digit numeric greater than zero - error code 401 or 405.

ADDITIONAL COMMENTS:

Should be a valid telephone area code.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 157	MNEMONIC NAME: PW-MA-PNUM	PROGRAM NAME: PWF-MAILING-PHONE-NUMBER

DESCRIPTION AND USE: Represents the telephone number to be used when telephone communications are necessitated with the Public Water System.	DATA TYPE: A/N PICTURE: X(7)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any 7 digit numeric or blank

EDIT CRITERIA:

If entered, must be a 7 digit numeric greater than zero - error code 401 or 405

ADDITIONAL COMMENTS:

Should be a valid telephone number.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 158	**MNEMONIC NAME:** PW-PL-ACTY	**PROGRAM NAME:** PWF-PLANT-AREA-CITY-NAME

DESCRIPTION AND USE:
Represents the name of the city or community serviced by the Public Water System.

DATA TYPE: A/N

PICTURE: X(15)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any character string

EDIT CRITERIA:

ADDITIONAL COMMENTS:
If more than one city or community is serviced by the PWS, the name of the largest is used.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 159	MNEMONIC NAME: PW-PL-ACNT	PROGRAM NAME: PWF-PLANT-AREA-COUNTY-CODE

DESCRIPTION AND USE: Represents the county code of the county in which the service area of a Public Water System is located.	DATA TYPE: A/N PICTURE: X(3)

SOURCE(S):

Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any valid numeric county code as defined on the Code Value Table. Up to 260 county codes may be defined. May be blank.

EDIT CRITERIA:

If entered, must be a valid county code in the Code Value Table - error code 104

If entered, must be numeric - error code 401

ADDITIONAL COMMENTS:

Acceptable values defined on the Code Value Table should be those codes defined in the Federal Information Processing Standard (FIPS 6-1). This code is used to edit latitude and longitude values

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 160	**MNEMONIC NAME:** PW-PL-RESR	**PROGRAM NAME:** PWF-PLANT-INDIAN-RESERVATION

DESCRIPTION AND USE:
Represents a code identifying an Indian Reservation on which the Public Water System is located.

DATA TYPE: A/N

PICTURE: X(3)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any valid numeric Indian Reservation code as defined on the Code Value Table. Up to 100 Indian Reservation codes may be defined; may be blank.

EDIT CRITERIA:

If entered, must be a valid Indian Reservation code on the Code Value Table - error code 402

If entered, must be numeric - error code 401

ADDITIONAL COMMENTS:

Acceptable values defined on the Code Value Table must be those codes defined in the Standard Code Book of the Indian Health Services under "TRIBES".

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
11/16 1976	1	No	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
16[illegible]	PW-PL-RESI	PWF-PLANT-RESIDENTIAL

DESCRIPTION AND USE:
Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:
Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 162	MNEMONIC NAME: PW-PL-COMP	PROGRAM NAME: PWF-PLANT-COMPANY-TOWN

DESCRIPTION AND USE: Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 163	MNEMONIC NAME: PW-PL-RECR	PROGRAM NAME: PWF-PLANT-RECREATION

DESCRIPTION AND USE: Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Any value entered indicates the presence of this service are characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 164	**MNEMONIC NAME:** PW-PL-MOHO	**PROGRAM NAME:** PWF-PLANT-MOBILE-HOMES

DESCRIPTION AND USE: Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.	**DATA TYPE:** A/N **PICTURE:** X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO: m	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further catagorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 165	MNEMONIC NAME: PW-PL-INST	PROGRAM NAME: PWF-PLANT-INSTITUTION

DESCRIPTION AND USE:
Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:
Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 166	MNEMONIC NAME: PW-PL-SCHL	PROGRAM NAME: PWF-PLANT-SCHOOL

DESCRIPTION AND USE: Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:
Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 167	**MNEMONIC NAME:** PW-PL-MOTL	**PROGRAM NAME:** PWF-PLANT-MOTEL

DESCRIPTION AND USE: Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.	**DATA TYPE:** A/N **PICTURE:** X(1)

SOURCE(S):

Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 168	**MNEMONIC NAME:** PW-PL-REST	**PROGRAM NAME:** PWF-PLANT-RESTAURANT

DESCRIPTION AND USE:
Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:
Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 169	MNEMONIC NAME: PW-PL-SSTA	PROGRAM NAME: PWF-PLANT-SERVICE-STATION

DESCRIPTION AND USE: Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:
Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 170	MNEMONIC NAME: PW-PL-CAMP	PROGRAM NAME: PWF-PLANT-CAMPGROUND

DESCRIPTION AND USE: Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 171	**MNEMONIC NAME:** PW-PL-PIC	**PROGRAM NAME:** PWF-PLANT-PICNIC-AREA

DESCRIPTION AND USE: Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 172	MNEMONIC NAME: PW-PL-LODG	PROGRAM NAME: PWF-PLANT-LODGE

DESCRIPTION AND USE: Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:
Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 173	MNEMONIC NAME: PW-PL-MARI	PROGRAM NAME: PWF-PLANT-MARINA

DESCRIPTION AND USE: Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:
Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No -	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 174	**MNEMONIC NAME:** PW-PL-SKI	**PROGRAM NAME:** PWF-PLANT-SKI-RESORT

DESCRIPTION AND USE:
Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:
Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further characterize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 175	**MNEMONIC NAME:** PW-PL-BATH	**PROGRAM NAME:** PWF-PLANT-BATHING

DESCRIPTION AND USE:
Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:
Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 176	MNEMONIC NAME: PW-PL-VCTR	PROGRAM NAME: PWF-PLANT-VISITOR-CENTER

DESCRIPTION AND USE: Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:
Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 177	MNEMONIC NAME: PW-PL-HWY	PROGRAM NAME: PWF-PLANT-HWY-REST-AREA

DESCRIPTION AND USE: Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 178	MNEMONIC NAME: PW-PL-AIR	PROGRAM NAME: PWF-PLANT-AIRPORT

DESCRIPTION AND USE: Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 179	MNEMONIC NAME: PW-PL-OTHR	PROGRAM NAME: PWF-PLANT-OTHER-AREA

DESCRIPTION AND USE: Represents a code identifying one (1) of nineteen (19) service area characteristics applicable to a Public Water System.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):

Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Any value entered indicates the presence of this service area characteristic for the PWS. The State may supply codes to further categorize this service area characteristic.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
3/31/80

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes **	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 180	MNEMONIC NAME: PW-PL-CNUM	PROGRAM NAME: PWF-PLANT-CONSECUTIVE-NUM-PWS

DESCRIPTION AND USE: Represents the number of consecutive water systems purchasing water from the PWS for resale which are regulated as a consecutive *	DATA TYPE: A/N PICTURE: X(7)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric or blank

EDIT CRITERIA:

If entered, must be numeric - error code 401

See PWF-PLANT-POPULATION-SERVED (cat. no. 183) for other edits.

ADDITIONAL COMMENTS:

* water system.
** Not required on the record - no warning if missing

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 181	MNEMONIC NAME: PW-PL-CARR	PROGRAM NAME: PWF-PLANT-INTERSTATE-CARRIER

DESCRIPTION AND USE: Represents a flag indicating if a PWS supplies water to an interstate carrier.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

'Y' = Yes
'N' = No

EDIT CRITERIA:

If entered, should be 'Y' or 'N'. When creating a new record, default to 'N' if not entered as 'Y'.

When reinitializing this field ($), use the default value of 'N'.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 182	MNEMONIC NAME: PW-PL-TYPE	PROGRAM NAME: PWF-PLANT-TYPE

DESCRIPTION AND USE: Represents a flag indicating if a PWS is a community or non-community PWS.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

'C' = Community

'N' = Non-community

EDIT CRITERIA:

When creating a new record, must be 'C' or 'N' - error code 011 and must be entered - error code 004

For updates, may be blank

ADDITIONAL COMMENTS:

For a complete definition of community vs. non-community PWS, refer to Section 141.2 of the National Interim Primary Drinking Water Regulations, Part IV.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
3/31/80

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 183	MNEMONIC NAME: PW-PL-POPL	PROGRAM NAME: PWF-PLANT-POPULATION-SERVED

DESCRIPTION AND USE: Represents the total population obtaining water from the Public Water System.	DATA TYPE: A/N PICTURE: X(9)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric

EDIT CRITERIA:

For updates, may be blank
When creating a new record, must be entered - error code 004
When creating a new record, must be numeric - error code 010
If entered on an update, must be numeric - error code 401
If entered, should not exceed 20000000 - error code 101

When creating a new record
If PWF-STATE-REGULATE-BY equals 'B','F', or 'S' and this field equals zero and PWF-PLANT-CONSECUTIVE-NUM-PWS equals zero; print a warning on the Standard Warning Report and write the record to the incomplete PWF Type File.

When updating a record, the same edit will be performed and if an error is found, an error message will be printed on the Standard Warning Report and the record written to the Unsuccessful PWF Type File.

ADDITIONAL COMMENTS:

Does not include the population of consecutive water systems unless requested by the State (see Section 141.29 of the National Interim Primary Drinking Water Regulation, Part IV).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 184	MNEMONIC NAME: PW-PL-SNUM	PROGRAM NAME: PWF-PLANT-SERVICES-NUMBER

DESCRIPTION AND USE: Represents the number of service connections. to the Public Water System	DATA TYPE: A/N PICTURE: X(7)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric or blank

EDIT CRITERIA:

If entered and if PWF-PLANT-TYPE (Catalogue Number 182) is 'N', must be numeric - error code 401

If entered and if PWF-PLANT-TYPE is 'C', then this value must be numeric - error code 401 and must be within the range of:

(PWF-PLANT-POPULATION SERVED)/5 to (PWF-PLANT-POPULATION-SERVED)/3

- error code 103 and 102 respectively

PWF-PLANT-POPULATION-SERVED is Catalogue Number 183.

ADDITIONAL COMMENTS:
Consecutive water systems utilizing water from this PWS are not counted unless specified by the State (see Section 141.29 of the National Interim Primary Drinking Water Regulations, Part IV).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 185	**MNEMONIC NAME:** PW-PL-MNUM	**PROGRAM NAME:** PWF-PLANT-METERS-NUMBER

DESCRIPTION AND USE: Represents the number of service connections equipped with water meters.	**DATA TYPE:** A/N **PICTURE:** X(7)

SOURCE(S): Input Forms

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric or blank

EDIT CRITERIA:

If entered, must be numeric - error code 401

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes -	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 186	MNEMONIC NAME: PW-PL-AVPR	PROGRAM NAME: PWF-PLANT-AVERAGE-PRODUCTION

DESCRIPTION AND USE: Represents the average annual production in gallons per day or liters per day in the most recent year for the PWS treatment plant.	DATA TYPE: A/N PICTURE: X(10)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric or blank

EDIT CRITERIA:

If entered, must be numeric - error code 401

If entered, should not be greater than PWF-PLANT-MAX-PRODUCTION (Catalogue #190) - error code 102.

ADDITIONAL COMMENTS:

A state should specify whether this capacity is entered in either English or Metric counts (see Catalogue Number 232).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** Yes	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 187	**MNEMONIC NAME:** PW-PL-DECA	**PROGRAM NAME:** PWF-PLANT-DESIGN-CAPACITY

DESCRIPTION AND USE:
Represents the approved design capacity of the PWS treatment plant in gallons per day or liters per day.

DATA TYPE: A/N

PICTURE: X(10)

SOURCE(S): Input form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric or blank

EDIT CRITERIA:

If entered, must be numeric and greater than zero - error code 401

ADDITIONAL COMMENTS:
A State should specify whether this capacity is entered in either English or Metric units (see Catalogue Number 232).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 188	**MNEMONIC NAME:** PW-PL-EMER	**PROGRAM NAME:** PWF-PLANT-EMERGENCY-POWER

DESCRIPTION AND USE: Represents the capacity in gallons per day or liters per day that can be produced with emergency power generation equipment controlled by the PWS.	**DATA TYPE:** A/N **PICTURE:** X(10)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric or blank

EDIT CRITERIA:

If entered, must be numeric - error code 401

ADDITIONAL COMMENTS:

A State should specify whether this capacity is entered either in English or Metric units (see Catalogue Number 232).

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 189	MNEMONIC NAME: PW-PL-STCA	PROGRAM NAME: PWF-PLANT-STORAGE-CAPACITY

DESCRIPTION AND USE: Represents the storage capacity in gallons or liters that is ready to go into the distribution system.	DATA TYPE: A/N PICTURE: X(10)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric or blank

EDIT CRITERIA:

If entered, must be numeric - error code 401

ADDITIONAL COMMENTS:
A State should specify whether this capacity is entered in either English or Metric units (see Catalogue Number 232).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 190	MNEMONIC NAME: PW-PL-MAXP	PROGRAM NAME: PWF-PLANT-MAX-PRODUCTION

DESCRIPTION AND USE: Represents the maximum daily production capacity of the Public Water System in gallons per day or liters per day.	DATA TYPE: A/N PICTURE: X(10)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric or blank

EDIT CRITERIA:

If entered, must be numeric - error code 401

If entered, should not be greater than PWF-PLANT-DESIGN-CAPACITY (Catalogue Number 187) - error code 102.

ADDITIONAL COMMENTS:
A State should specify whether this capacity is entered in either English or Metric units (see Catalogue Number 232).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 191	**MNEMONIC NAME:** PW-PL-BEGN	**PROGRAM NAME:** PWF-PLANT-BEGIN-DATE

DESCRIPTION AND USE: Represents the month and year that the PWS has begun or is about to begin operations.	**DATA TYPE:** N **PICTURE:** 9(4)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any valid date as MMYY where MM is the month and YY is the year.

EDIT CRITERIA:

If entered on an update, must be a valid month and year - error code 403

When creating a new record if not entered or invalid, default to '0677' - error code 106

When reinitializing this field ($), use the default value of '0677'

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 192	MNEMONIC NAME: PW-PL-SURV	PROGRAM NAME: PWF-PLANT-LAST-SURVEY-DATE

DESCRIPTION AND USE: Represents the date on which the last sanitary survey was performed at a PWS plant.	DATA TYPE: N PICTURE: 9(5)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

May be zero

Any valid Julian date. YYDDD where DDD = day of year and YY = year

EDIT CRITERIA:

If entered, must be a valid date - error code 403

If entered, should not be greater than the processing date - error code 101

If entered on an update, should not be earlier than the current last survey date on the file - error code 101

ADDITIONAL COMMENTS:

The input format is MMDDYY which is converted to the Julian file format of YYDDD.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
11/16 1976	1	No	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
193	PW-PL-CYCL	PWF-PLANT-COMPLIANCE-CYCLE

DESCRIPTION AND USE: Represents the day of the month on which the compliance cycle begins. It is used for turbidity compliance determination and for bacteriological compliance for the *

DATA TYPE: A/N

PICTURE: X(2)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric in the range of 01 to 28

EDIT CRITERIA:

If entered, must be numeric - error code 401

If entered, must be in the range of 01 to 28 - error code 404

When creating a new record, if this field is blank or invalid, a default value of '01' is used - error code 101

When reinitializing this field ($), use the default value of '01'

ADDITIONAL COMMENTS:
This field is disregarded for a Public Water System which monitors bacteriological contamination on a quarterly or irregular (special) basis.

*PWS monitoring monthly.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
1/30/80

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
11/16 1976	1	Yes	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
194	PW-PL-ACTV	PWF-PLANT-ACTIVITY

DESCRIPTION AND USE:
Represents a flag used to indicate whether or not the Public Water System is active.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	X		X	X			X		
OUTPUT OF:	X			X					

ACCEPTABLE VALUES:

A - active PWS
I - inactive PWS

EDIT CRITERIA:

If entered, must be 'A' or 'I' - error code 407
If an 'I' is entered, PWF-PLANT-DEACTIVATION-DATE (Catalogue Number 195) and PWF-PLANT-DEACTIVATION-REASON (Catalogue Number 196) must also be present and valid - error code 410

When reinitializing this field ($), use the default value of 'A'.
If not entered on an add, use a default value of 'A'.

ADDITIONAL COMMENTS:

If the PWS is reactivated or reinitialized ($), PWF-PLANT-DEACTIVATION-DATE and PWF-PLANT-DEACTIVATION-REASON must also be reinitialized ($).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/1/80

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 195	MNEMONIC NAME: PW-PL-DDAT	PROGRAM NAME: PWF-PLANT-DEACTIVATION-DATE

DESCRIPTION AND USE: Represents the date when the Public Water System became inactive. Used for audit trail purposes.	DATA TYPE: N PICTURE: 9(5)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any valid Julian date YYDDD where DDD = day of year, YY = year, or zero

EDIT CRITERIA:

If entered, must be a valid date - error code 403

Can only be non-blank if PWF-PLANT-ACTIVITY (Catalogue Number 194) is 'I' - error code 406

If PWF-PLANT-ACTIVITY (cat. No. 194) is reinitialized ($) this must also be reinitialized ($) - error code 406

ADDITIONAL COMMENTS:

On input, any valid calendar date MMDDYY where MM = month, DD = day, YY = Year is acceptable

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/1/80

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes* -	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 196	MNEMONIC NAME: PW-PL-DREA	PROGRAM NAME: PWF-PLANT-DEACTIVATION-REASON

DESCRIPTION AND USE: Represents a code describing the reason for deactivating the Public Water System	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any valid deactivation reason code on the Code Value Table or blank.

Allow for 10 codes on the Code Value Table.

EDIT CRITERIA:

If entered, must be on the Code Value Table - error code 402

Can only be non-blank if PWF-PLANT-ACTIVITY (Catalogue Number 194) is 'I' = error code 406

If PWF-PLANT-ACTIVITY (Cat. No. 194) is reinitialized ($) this must also be reinitialized (4) - error code 406

ADDITIONAL COMMENTS:
*Not required on the record - no warning if missing

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 197	MNEMONIC NAME: PW-PL-MANU	PROGRAM NAME: PWF-PLANT-MANUAL-FILE

DESCRIPTION AND USE: Represents a reference to manual files for record keeping.	DATA TYPE: A/N PICTURE: X(12)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes -	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 198 *	MNEMONIC NAME: PW-S-CODE	PROGRAM NAME: PWF-STATE-POSTAL-CODE

DESCRIPTION AND USE. Represents a two digit code of the state responsible for the Public Water System surveillance.

DATA TYPE: A/N

PICTURE: X(2)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

One of the 66 state codes assigned to states, trust territories, and EPA regions as defined on the Code Value Table

EDIT CRITERIA:

If entered, must be on the Code Value Table - error code 402

ADDITIONAL COMMENTS:

May be different from the mailing address of either the PWS, the plant or both (Catalogue Numbers 149 or 154).

* See Appendix A of this Document

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
3/31/80

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 199	MNEMONIC NAME: PW-S-REGE	PROGRAM NAME: PWF-STATE-REGULATE-BY

DESCRIPTION AND USE:
Represents a code describing the regulations applying to the Public Water System

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

S - Regulated by State Regulations only
F - Regulated by Federal Regulations only
B - Regulated by both State and Federal Regulations
N - Regulated by neither Federal or State Regulations

EDIT CRITERIA:

If entered on an update, must be either 'S', 'F', 'N', or 'B' - error code 407

If blank and PWF-PLANT-SERVICES-NUMBER is less than 15 and PWF-PLANT-POPULATION-SERVED is less than 25 use the default value of 'S', otherwise if blank, use the default value of 'B'.

When reinitializing this field ($), use the default value defined above.

If this field is 'S','F', or 'B', perform an edit to assure that a non-zero number is entered in either PWF-PLANT-POPULATION-SERVED (cat. no. 183) or PWF-PLANT-CONSECUTIVE-NUM-PWS (cat. no. 180).

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 200	MNEMONIC NAME: PW-S-REGN	PROGRAM NAME: PWF-STATE-REGION

DESCRIPTION AND USE: Represents a code identifying the administrative region of the state which is responsible for monitoring the PWS.	DATA TYPE: A/N PICTURE: X(2)

SOURCE(S):
Input form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric region code on the Code Value Table or blank.

Allow for 99 values on the Code Value Table.

EDIT CRITERIA:

If entered, must be on the Code Value Table - error code 402

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 201	MNEMONIC NAME: PW-S-DIST	PROGRAM NAME: PWF-STATE-DISTRICT

DESCRIPTION AND USE: Represents a code identifying an administrative district of the State which is responsible for monitoring the PWS.	DATA TYPE: A/N PICTURE: X(2)

SOURCE(S):

Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric district code on the Code Value Table or blank.

Allow up to 99 values on the Code Value Table

EDIT CRITERIA:

If entered, must be on the Code Value Table - error code 402

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 202	**MNEMONIC NAME:** PW-S-BFLG	**PROGRAM NAME:** PWF-STATE-BACTERIOLOGICAL-FLG

DESCRIPTION AND USE: Represents a flag indicating whether sample input data will be reported on a list or summary input form	**DATA TYPE:** A/N **PICTURE:** X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	X		X	X			X		
OUTPUT OF:	X			X					

ACCEPTABLE VALUES:

L = List of individual samples reported
S = Summary of samples reported

EDIT CRITERIA:

If entered, must be 'L' or 'S' - error code 407

Default to 'L' if invalid or blank or when reinitializing with a (S).

ADDITIONAL COMMENTS:
This element is used by the Compliance Scheduling process to determine which bacteriological turnaround document to produce for the PWS.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
8/20/79

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 203	MNEMONIC NAME: PW-S-MONT	PROGRAM NAME: PWF-STATE-MONTHLY-MONITORING

DESCRIPTION AND USE: Represents whether a PWS is required to determine compliance for bacteriological MCL contamination on a monthly basis or 3 month basis (quarterly).	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Y = Yes, monthly compliance determination required
N = No, quarterly compliance determination required

EDIT CRITERIA:

Must be 'Y' or 'N' - error code 407
If anything else, default to 'N'

ADDITIONAL COMMENTS:

This field has been changed thru MOD.018 to specify whether a PWS is to monitor Monthly or Quarterly.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
8/20/79

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 204	MNEMONIC NAME: PW-S-NSAM	PROGRAM NAME: PWF-STATE-NO-OF-SAMPLES

DESCRIPTION AND USE: Represents the minimum number of samples a small community water supply must take, per quarter, in lieu of monthly monitoring or a non-community water supply *	DATA TYPE: N PICTURE: 9(3)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric or zero

EDIT CRITERIA:

If entered, must be numeric - error code 401

Default to '000' if in error blank

If PWS-PLANT-TYPE (catalogue number 182) changes from 'C' to 'N', reinitialize this value

* must take in a specified time period in lieu of the default number in the Regulations File. Also to indicate the number of samples a consecutive PWS (consecutive indicator equals 2, 3, or 5) must take for compliance determination.

ADDITIONAL COMMENTS: If the PWS is a "small" community PWS and if the value of this field is greater than zero, State permission to perform quarterly monitoring is assumed. "Small" refers to a PWS serving a population of less than 1001 with the water source being a solely protected ground source (see Section 141.21(b) of the National Interim Primary Drinking Water Regulation, Part IV).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
5/12/78

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 205	MNEMONIC NAME: PW-S-SBGN	PROGRAM NAME: PWF-STATE-SEASON-BEGIN

DESCRIPTION AND USE: Represents the season beginning date used for bacteriological monitoring for a non-community PWS which operates seasonally.

DATA TYPE: N

PICTURE: 9(4)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any valid month and day MMDD
where MM - month
DD - day

or zero

EDIT CRITERIA:

If entered, must be a valid month and day of any year - error code 407.

If '0229', default to '0228'.
If PWF-PLANT-TYPE (Catalogue Number 182) is 'N' and this field is zero, use '0101' as a default value.

If PWF-PLANT-TYPE is 'C', this field must be zero - error code 407.

If PWF-PLANT-TYPE changes from 'N' to 'C', reinitialize this value.

ADDITIONAL COMMENTS: See Section 141.21(c) of the National Interim Primary Drinking Water Regulations, Part IV.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 206	**MNEMONIC NAME:** PW-S-SEND	**PROGRAM NAME:** PWF-STATE-SEASON-END

DESCRIPTION AND USE: Represents the second ending date used for bacteriological monitoring for a non-community PWS which operates seasonally.	**DATA TYPE:** N **PICTURE:** 9(4)

SOURCE(S):
Input Form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any valid month and day, where MM - month, DD - day, or blank

EDIT CRITERIA:

Must be a valid month and dya of any year or blank -error code 407

If '0229', default to '0228'.
If PWF-PLANT-TYPE (Catalogue number 182) is 'N' and this field is blank, use '1231' as a default value.

If PWF-PLANT-TYPE is 'C', this field must be blank - error code 407.

If PWF-PLANT-TYPE changes from 'N' to 'C', reinitialize this value.

ADDITIONAL COMMENTS:
If PWF-STATE-SEASON-END is earlier than PWF-STATE-SEASON-BEGIN, the Water Quality Compliance Subsystem assumes that the year has changed from season begin to season end. See Section 141.21(c) of the National Interim Primary Drinking Water Regulations, Part IV.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
6/15/79

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 207	MNEMONIC NAME: PW-S-MDCK	PROGRAM NAME: PWF-STATE-MIN-NO-DAILY-CHECKS

DESCRIPTION AND USE:
Represents the number of check samples which must be taken each day if the State requires more than one per day for this PWS

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric or blank

EDIT CRITERIA:

If entered, must be numeric - error code 401

If entered, must be greater than zero - error code 405

ADDITIONAL COMMENTS: There is no corresponding data element on the Regulations File. If this element is blank, a value of "1" will be used by the Water Quality Compliance Subsystem (see Section 141.21 (d)(1),(2),(3) for the National Interim Primary Drinking Water Regulations, Part IV).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
3/28/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
11/16 1976	1	No	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
[illegible]	PW-S-NSPFQ	PWF-STATE-NCOM-SAMPLE-FREQ

DESCRIPTION AND USE:
Represents an alternate sampling frequency (period) for a non-community Public Water System in lieu of the default value as specified*

DATA TYPE: N

PICTURE: 9(3)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric representing the number of days in a given sampling period, or zero. For example, '001' means daily, '007' means weekly, etc . '030' indicates "monthly" sampling and '90' indicates "quarterly" sampling. All other values indicate "special" periods.

EDIT CRITERIA:

If entered, must be numeric - error code 401

If entered, PWF-PLANT-TYPE (Catalogue number 182) must be 'N' - error code 407

If PWF-PLANT-TYPE changes from 'N' to 'C', this field is reinitialized

ADDITIONAL COMMENTS:
If zero, quarterly sampling for a non-community PWS will be used. See Section 141.21(c) of the National Interim Primary Drinking Water Regulations, Part IV.

*in the Regulations.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
11/16 1976	1	No	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
209	PW-S-HCKS	PWF-STATE-MCL-HALT-CHECK-SAMP

DESCRIPTION AND USE: Represents the minimum number of consecutive days worth of negative check samples required to halt check sampling for a PWS bacteriological

DATA TYPE: N

PICTURE: 9(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric

This element is used to override two values in the Regulations File: RGF-BACT-CHK-MIN-NEG-PORTIONS and RGF-BACT-CHK-MIN-NEG-COLIFORM-BACT

EDIT CRITERIA:

If entered, must be numeric - error code 401

ADDITIONAL COMMENTS:
If this element is less than the Federally regulated value in the Regulations File, the Regulations File Value will be used by the Water Quality Compliance Subsystem. See Sections 141.21(d)(1), (2),(3) of the National Interim Primary Drinking Water Regulations, Part IV.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
3/28/79

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 210	MNEMONIC NAME: PW-S-CLOR	PROGRAM NAME: PWF-STATE-CHLORINE

DESCRIPTION AND USE: Represents the percent of samples for bacteriological analysis that may be substituted by chlorine residual sampling and analysis.	DATA TYPE: N PICTURE: 9(2)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric or blank

If blank, the value will default to '00'.

The value '00' indicates that no substitution is allowed.

EDIT CRITERIA:

If entered, must be numeric - error code 401

ADDITIONAL COMMENTS: If this value exceeds the maximum percentage allowed for all Public Water Systems as defined in the Regulations, the Regulations value will be used. Four (4) chlorine residual samples replace one (1) microbiological sample as currently defined in the Regulations (see Section 141.21(b) of the National Interim Primary Drinking Water Regulations, Part IV.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
11/16 1979	1	No	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
211	PW-S-TFLG	PWF-STATE-TURBIDITY-FLAG

DESCRIPTION AND USE: Represents a flag indicating whether Turbidity sample input data will be reported on a list or summary input form.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

L = List of individual samples reported

S = Summary of samples reported

EDIT CRITERIA:

If entered, must be 'L' or 'S' - error code 407.

Default to 'L' if invalid or blank or when reinitializing with a ($).

ADDITIONAL COMMENTS: This element is used by the Sample Scheduling module to determine which Turbidity turnaround documents to produce for the PWS and may be overriden by PWF-ENTRY-POINT-TURB-FLAG on an entry point by entry point basis - see catalog number 731.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

inder 25
/30/79

ATE: 1/16 976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

ATALOGUE NO.: 212	MNEMONIC NAME: PW-S-TBUN	PROGRAM NAME: PWF-STATE-TURBIDITY-UNITS

ESCRIPTION AND USE: Represents the number of tur- idity units allowed as a maximum contaminant evel for the monthly average of turbidity amples for each entry point of a PWS.	DATA TYPE: N PICTURE: 9(1)V9(1)

OURCE(S):
Input Form

UBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
NPUT TO:	x		x	x			x		
UTPUT OF:	x			x					

CCEPTABLE VALUES:

Any numeric from 0.0 to 5.0

EDIT CRITERIA:

If entered, must be numeric - error code 401.

If not entered, default to 0.0

ADDITIONAL COMMENTS: If this element is greater than the State regulated value, the value in the Regulations File will be used by the Water Quality Compliance Subsystem. See Section 141.13(a) of the National Interim Primary Drinking Water Regulations, Part IV. This field may be overriden by PWF-ENTRY-POINT-TURB-UNITS on an entry point basis - see catalog number 732.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
2/28/81

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:

DESCRIPTION AND USE:	DATA TYPE:
	PICTURE:

SOURCE(S):

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									
OUTPUT OF:									

ACCEPTABLE VALUES:

This page intentionally left blank
PWF-STATE-CONTAMINANT-ID-CHEM, formerly catalogue number 213, was eliminated as an MSIS Data Element as of 2/28/81.

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
2/28/81

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:

DESCRIPTION AND USE:	DATA TYPE:
	PICTURE:

SOURCE(S):

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									
OUTPUT OF:									

ACCEPTABLE VALUES:

This page intentionally left blank
PWF-STATE-SAMPLING-FREQUENCY, formerly catalogue number 214
was eliminated as an MSIS Data Element as of 2/28/81.

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 215	MNEMONIC NAME: PW-S-ORBGN	PROGRAM NAME: PWF-STATE-ORGANIC-BEGIN-PERIOD

DESCRIPTION AND USE: Represents the beginning date of a seasonal period for which monitoring for organic chemicals/pesticides is to be performed for the PWS	DATA TYPE: N PICTURE: 9(4)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any valid month and day MMDD where MM - month, DD - day, or zero.

EDIT CRITERIA:

If entered, must be a valid month and day of any year - error code 407.

If '0229' - default to '0228'.

If PWF-PLANT-TYPE (catalogue number 182) changes from 'C' to 'N', this value is reinitialized.

ADDITIONAL COMMENTS:
This data element is not necessary for a non-community PWS. For a community PWS, if the value is missing a default value entered into the Water Quality Compliance Subsystem is used. See Section 141.24(a)(1) of the National Interim Primary Drinking Water Regulations, Part IV.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 216	MNEMONIC NAME: PW-S-OREND	PROGRAM NAME: PWF-STATE-ORGANIC-END-PERIOD

DESCRIPTION AND USE: Represents the ending date of a seasonal period for which monitoring for organic chemical/pesticides is to be performed for the PWS.

DATA TYPE: N

PICTURE: 9(4)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any valid month and day MMDD wher MM - month, DD - day, or blank.

EDIT CRITERIA:

If entered, must be a valid month and day of any year - error code 407.

If '0229' default to '0228'.

If PWF-PLANT-TYPE (catalogue number 182) changes from 'C' to 'N', this value is reinitialized.

ADDITIONAL COMMENTS: This data element is not necessary for a non-community PWS. For a community PWS if the value is missing, a default value entered into the Water Wuality Compliance Subsystem. See Section 141.24 (a)(1) of the National Primary Drinking Water Regulations, Part IV.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
4/30/81

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** Yes	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 217	**MNEMONIC NAME:** PW-S-ATEM	**PROGRAM NAME:** PWF-STATE-AIR-TEMPERATURE

DESCRIPTION AND USE:
Represents the annual average of daily maximum air temperature of the PWS in either fahrenheit or celsius degrees.

DATA TYPE: N

PICTURE: 9(2)V9(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	X		X	X			X		
OUTPUT OF:	X			X					

ACCEPTABLE VALUES:

Any valid numeric fahrenheit or celsius temperature or zero.

EDIT CRITERIA:

If entered, must be numeric - error code 401.

If PWF-STATE-ENGLISH-METRIC-SYSTEM (catalogue number 232) is 'E', then must be in the range 32.5 - 90.5 degrees F.

If PWF-STATE-ENGLISH-METRIC-SYSTEM is 'M', then must be in the range 0.3 - 32.5 degrees C.

If not in range print warning on standard warning report.

ADDITIONAL COMMENTS:
If this value is outside of the reasonable range for the state (as defined by the Regulations File), a warning will be printed by the Water Quality Compliance Subsystem. If this value is zero, a default value defined in the Water Quality Compliance Subsystem will be used for determining compliance for fluoride.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 218	**MNEMONIC NAME:** PW-S-NITR	**PROGRAM NAME:** PWF-STATE-NITRATE-FREQUENCY

DESCRIPTION AND USE: Represents the monitoring frequency for nitrate to be used by a non-community Public Water System after completion of initial analysis.

DATA TYPE: N

PICTURE: 9(4)

SOURCE(S): Input Form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric representing the number of days between samples, or zero. For example, '001' means daily, '002' means every other day, ..., '007' means weekly, etc.

EDIT CRITERIA:

If entered, must be numeric - error code 401.

If entered, must be greater than zero - error code 405.

If entered, PWF-PLANT-TYPE (catalogue number 182) must be 'N' - error code 407.

If PWF-PLANT-TYPE changes from 'N' to 'C', this field is reinitialized.

ADDITIONAL COMMENTS: If zero, the value in the Regulations File will be used by the Water Quality Compliance Subsystem for a non-community PWS. Se Section 141.23(3) of the National Interim Primary Drinking Water Regulations Part IV.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 7/31 1981	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** Yes	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 219	**MNEMONIC NAME:** PW-S-RFLG	**PROGRAM NAME:** PWF-STATE-RADIOACTIVE-FLAG

DESCRIPTION AND USE: This is a flag which indicates any special monitoring requirements for radioactive contaminants.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

0 = No special monitoring requirements

1 = PWS monitored for natural (Gross Alpha and Radium) particle astivity - Radium-228 not suspected in water

2 = PWS monitored for natural particle activity - Radium-228 is suspected in water

3 = PWS monitored for man-made radionuclides only

4 = PWS monitored for all radioactive contaminants (natural and man-made) - Radium-228 not suspected in water

5 = PWS monitored for all radioactive contaminants - Radium is suspected in water

EDIT CRITERIA:

If entered, must be '0', '1', '2', '3', '4' or '5' - error code 407

ADDITIONAL COMMENTS: This flag may be used to designate a PWS that is normally required to monitor as suspecting Radium-228 to be present or it may be used to require a normally excluded PWS to monitor for radionuclides. The blank or zero entry will not exclude a PWS during compliance processing if other PWS characteristics require monitoring.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	**VERSION:** 2	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 220	**MNEMONIC NAME:** PW-S-RMON	**PROGRAM NAME:** PWF-STATE-RADIOACTIVE-MONITOR

DESCRIPTION AND USE:	**DATA TYPE:** A/N **PICTURE:** X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

This data element has been eliminated from the MSIS. In the 7/31/81 design of Radionuclide Regulations it was determined not to be necessary for compliance processing.

EDIT CRITERIA:

If not blank, - error code 407

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	**VERSION:** 2	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 221	**MNEMONIC NAME:** PW-S-BETA	**PROGRAM NAME:** PWF-STATE-BETA-MONTHS

DESCRIPTION AND USE: The minimum frequency required for monitoring man-made radionuclides for the Public Water System after initial analysis.

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Input Form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric representing the number of months in a compliance sampling period. Because of the quarter sampling basis, the value must be divisable by 3. For example, '12' means that 4 consecutive quarterly samples are expected each year, '18' means that every one and a half years there must be an incidence of 4 consecutive quarterly samples.

EDIT CRITERIA:

If entered, must be numeric - error code 401
If entered, must be less than '49' - error code 404
If entered, must be divisable by '03' - error code 407

ADDITIONAL COMMENTS: If zero, the monitoring frequency (once every four years) from the Regulations File will be used by the Water Quality Compliance Subsystem. See Section 141.26(b)(3) of the National Interim Primary Drinking Waters Regulations, Part II.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 222	MNEMONIC NAME: PW-S-NUCL	PROGRAM NAME: PWF-STATE-NUCLEAR-FACILITY

DESCRIPTION AND USE: A flag that indicates whether or not the Public Water System is contaminated by effluents from a nuclear facility.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Y = Yes, contaminated by a nuclear facility

N = No, not contaminated by a nuclear facility

EDIT CRITERIA:

If entered, must by 'Y', 'N' - error code 407. Default to N.

When reinitializing this field ($), reinitialize to 'N'.

ADDITIONAL COMMENTS: See Section 141.26(b)(4) of the National Interim Primary Drinking Water Regulations, Part II.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 223	MNEMONIC NAME: PW-S-FATY1	PROGRAM NAME: PWF-STATE-NUCLEAR-FAC-TYPE1

DESCRIPTION AND USE: A code describing the type of nuclear facility whose radioactive effluents are contaminating the Public Water System.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any valid alphanumeric nuclear facility code on the Code Value Table.

Allow for 5 values on the Code Value Table.

EDIT CRITERIA:

If entered, must be on the Code Value Table - error code 402.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	**VERSION:** 2	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 224	**MNEMONIC NAME:** PW-S-FACON	**PROGRAM NAME:** PWF-STATE-FAC-CONTAMINANT-ID

DESCRIPTION AND USE: The contaminant identification of a beta emitter to be monitored by the Public Water System.

DATA TYPE: A/N

PICTURE: X(4)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any major beta emitter on the Code Value Table or blank.

Allow for 200 codes on the Code Value Table.

EDIT CRITERIA:

If entered, must be numeric - error code 010.

If entered, must have first two digits of '41', '42', or '43' - error code 011 and be on the Code Value Table - error code 014.

If entered, PWF-STATE-CONTAMINANT-FREQ (catalogue number 225) must be present - error code 030.

If reinitialized with $, reinitialize PWF-STATE-CONTAMINANT-FREQ - error code 030.

ADDITIONAL COMMENTS: MSIS compliance processing will only recognize contaminant id '4264' (Iodine-131) and the monitoring requirement is only applicable to Public Water Systems serving water contaminated by effluents of a nuclear facility. See Section 141.26(b)(4)(ii) of the National Interim Primary Drinking Water Regulations.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 2	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 225	MNEMONIC NAME: PW-S-CFREQ	PROGRAM NAME: PWF-STATE-CONTAMINANT-FREQ

DESCRIPTION AND USE: The monitoring frequency to be used when monitoring a beta emitter for a Public Water System.	DATA TYPE: A/N PICTURE: X(2)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric representing the monitoring frequency in months. For example, '01' means monthly, '02' means every two months, '03' means quarterly, ..., '12' means yearly, etc.

EDIT CRITERIA:

If entered, must be numeric - error code 401.

If entered, PWF-STATE-FAC-CONTAMINANT-ID (catalogue number 224) must be present - error code 030.

If entered and PWF-STATE-FAC-CONTAMINANT-ID is '4264', then default to '03' - error message 407.

If reinitialized with $, reinitialize PWF-STATE-FAC-CONTAMINANT-ID - error code 030.

ADDITIONAL COMMENTS:

At this time, this field is used by MSIS compliance processing only when it refers to contaminant id '4264', (cat. #224).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	**VERSION:** 2	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 226	**MNEMONIC NAME:** PW-S-GALP	**PROGRAM NAME:** PWF-STATE-MONITOR-GROSS-ALPHA

DESCRIPTION AND USE: A reduced monitoring frequency that will be effective after the initial monitoring period. Applies to both gross alpha particle activity and to combined Radium-226*

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric representing the number of months in a compliance sampling period. Because of the quarter sampling basis, this value must be divisable by 3. For example, '12' means that 4 consecutive quarterly samples are expected each year, '18' means that every one and a half years there must be an incidence of 4 consecutive quarterly samples.

EDIT CRITERIA:

If entered, must be numeric and greater than zero - error code 401.

If entered, must be less than '49' - error code 404.

If entered, must be divisable by 3 - error code 407.

ADDITIONAL COMMENTS: If zero, the monitoring frequency (once every four years) from the Regulations File will be used by the Water Quality Compliance Subsystem. See Section 141.26(a)(3)(i), (ii) and (v) of the National Interim Primary Drinking Water Regulations, Part II.

*and Radium-228.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 2	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 227	MNEMONIC NAME: PW-S-RADM	PROGRAM NAME: PWF-STATE-MONITOR-RADIUM-MTHS

DESCRIPTION AND USE:	DATA TYPE: N
	PICTURE: 9(2)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									
OUTPUT OF:									

ACCEPTABLE VALUES:

This data element has been eliminated from the MSIS. In the 7/31/81 design of Radionuclide Regulations it was determined that this data element was not necessary for compliance determination.

EDIT CRITERIA:

If not blank, error code 407.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	**VERSION:** 2	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 228	**MNEMONIC NAME:** PW-S-NUMSP	**PROGRAM NAME:** PWF-STATE-NUM-SAMPLES-PER-YR

DESCRIPTION AND USE: The number of consecutive quarterly samples to be taken per sampling period for gross alpha or radium analysis when reduced sampling is applicable to the PWS.	**DATA TYPE:** N **PICTURE:** 9(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

'0', '1', '2', '3'

EDIT CRITERIA:

If entered, must be numeric - error code 401.

If entered, must be less than '4' - error code 404

ADDITIONAL COMMENTS: This field may be used to require a fewer number of consecutive quarterly samples than the Federal requirement of 4. See Section 141.26(a)(3) of the National Interim Primary Drinking Water Regulations, Part II, to determine if a PWS meets the requirements to take fewer.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
11/16 1976	1	No	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
229	PW-S-GWATR	PWF-STATE-GROUND-WATER-MONITOR

DESCRIPTION AND USE: Represents whether the Public Water System is to monitor for organic contaminants, gross beta particle activity or *

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

0 = None
1 = Organic monitoring only
2 = Gross beta monitoring only
3 = Both organic and gross beta monitoring

EDIT CRITERIA:

If entered, must be '0', '1', '2' or '3' - error code 407.

ADDITIONAL COMMENTS:
See Sections 141.24(a)(2) and 141.26(b)(1)(iii) of the National Interim Primary Drinking Water Regulations, Parts IV and II, respectively.

* both if it is supplied by ground water sources only.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
11/16 1976	1	No	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
[illegible]30	PW-S-RREQ	PWF-STATE-REPORT-REQUIRED

DESCRIPTION AND USE:	DATA TYPE: A/N
Represents a flag indicating whether the Public Water System must submit a monthly operations report.	PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:									

ACCEPTABLE VALUES:

Y = Yes, operations reporting required
N - No, operations reporting not required

EDIT CRITERIA:

If entered, must be 'Y' or 'N' - error code 407.
If in error, default to 'N'.

ADDITIONAL COMMENTS:
This field is used by the Water Quality Compliance Subsystem for the identification of Monthly Operations Report Violations and for scheduling operation report cards.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 231	MNEMONIC NAME: PW-S-LAST	PROGRAM NAME: PWF-STATE-LAST-REPORT-DATE

DESCRIPTION AND USE: Represents the month and year during which the last monthly operations report was submitted.	DATA TYPE: N PICTURE: 9(4)

SOURCE(S): Input Form or Water Quality Compliance Scheduling

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any valid month and year or zero

EDIT CRITERIA:

If entered, must be numeric - error code 401.

If entered, must be a valid month and year no later than the current date - error code 403.

ADDITIONAL COMMENTS:
This field is used by the Water Quality Compliance Subsystem for the identification of Monthly Operation Report Violations and for scheduling operations report cards.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 232	MNEMONIC NAME: PW-S-ENGM	PROGRAM NAME: PWF-STATE-ENGLISH-METRIC-SYSTM

DESCRIPTION AND USE: Represents a flag indicating whether the English (gallons/Fahrenheit) or metric (liters/celsius) system of measurement is used to record plant capacities and air *	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

E = English System

M = Metric System

EDIT CRITERIA:

If entered, must be either 'E' or 'M' - error code 407.

If in error, default to 'E'.

When creating a new record, default to 'E'.

ADDITIONAL COMMENTS: This field is used by the Water Quality Compliance Subsystem for determining which MCL to use (based on the annual average of the daily maximum air temperature) for determining fluoride contaminant violations. See Section 141.11(c) of the National Interim Primary Drinking Water Regulations, Part IV.
*temperature by the PWS.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 233	MNEMONIC NAME: PW-S-RESV	PROGRAM NAME: PWF-STATE-RESERVE-FOR-STATE

DESCRIPTION AND USE:
Represents space to be used for state discretionary fields.

DATA TYPE: A/N

PICTURE: X(100)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric

EDIT CRITERIA:

ADDITIONAL COMMENTS:
The first fourteen (14) positions will be filled by the National Public Water System Inventory File key for those water supplies covered by MSIS program PWSI120.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 234	MNEMONIC NAME: PW-LST-UP	PROGRAM NAME: PWF-LAST-UPDATE-DATE

DESCRIPTION AND USE: Represents the Julian date on which the record was last updated.	DATA TYPE: N PICTURE: 9(5)

SOURCE(S): Internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any valid Julian date

EDIT CRITERIA:

ADDITIONAL COMMENTS:

This date is used by the Federal Reporting Subsystem for determination of those Public Water Systems to be reported annually to EPA.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 235	MNEMONIC NAME: PW-LA-ID	PROGRAM NAME: PWF-LAB-ID

DESCRIPTION AND USE: Represents the 5 digit laboratory identification of a laboratory performing a major percentage of analysis for the PWS.	DATA TYPE: A/N PICTURE: X(5)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric laboratory identification on the Laboratory Table for a given contaminant group or blank.

EDIT CRITERIA:

If entered, must be on the Laboratory Table for bacteriological, inorganic, organic and radiological categories - error code 402.

If entered, must be numeric - error code 401.

ADDITIONAL COMMENTS: Provision has been made for the specifications of the primary laboratory which performs the majority of analysis for the PWS categories as follows:

First occurence - Bacteriological, Second occurrence- inorganic, Third occurrence - organic, Fourth occurrence - radiological, Fifth occurence - Turbidity

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 236	MNEMONIC NAME: PW-LA-CFLG	PROGRAM NAME: PWF-LAB-CAPTIVE-FLAG

DESCRIPTION AND USE: Represents a flag indicating whether or not the laboratory belongs to the Public Water System.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):

Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Y = Yes, laboratory belongs to PWS
N = No, laboratory is independent of the PWS

EDIT CRITERIA:

If entered, must be 'Y' or 'N' - error code 407.

If in error and PWF-LAB-ID (catalogue number 235) is present, default to 'N'.

If entered, PWF-LAB-ID must be present (except for Turbidity) - error code 410.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 237	MNEMONIC NAME: PW-OW-TYPE	PROGRAM NAME: PWF-OWNER-TYPE

DESCRIPTION AND USE: A code that indicates the type of ownership pertaining to the Public Water System.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any owner type on the Code Value Table or blank.

Allow for 26 values on the Code Value Table.

EDIT CRITERIA:

If entered, must be on the Code Value Table - error code 402.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
12/31/81

DATE: 7/31 1981	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** Yes**	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 238	**MNEMONIC NAME:** PW-VE-CTAM	**PROGRAM NAME:** PWF-VAEX-CONTAMINANT-ID

DESCRIPTION AND USE: The contaminant ID of a contaminant relating to a variance, exemption or enforcement action for the PWS.

DATA TYPE: A/N

PICTURE: X(4)

SOURCE(S): Input Form or Variances and Exemptions Subsystem

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric contaminant identification (which begins with '1', '2', or '4') in the Code Value Table or blank.

Allow up to 200 values on the Code Value Table.

EDIT CRITERIA:

If entered, must be numeric - error code 010.
If entered, must be on the Code Value Table - error code 014.
If entered, the first digit (contaminant group) must be '1', '2', or '4' - error code 011.
If entered with occurrence of '*', there must be a blank occurrence already existing on file - error code 031.
If entered with occurrence of 'D', there must be an occurrence on file which matches information on the transaction - error code 032.
If adding a Contaminant-ID to the file and neither the Maximum Contaminant Level (MCL) nor the Alternate Monitoring Frequency (AMF) are entered, the PWS is completely exempted from monitoring for the contaminant as a condition of an exemption. If the contaminant matches an existing contaminant, the MCL or the AMF (necessary to change file information) must be entered - error code 030.
If this field is reinitialized ($), reinitialize PWF-VAEX-MODIFIED-MCL, PWF-VAEX-MODIFIED-MCL-DEC, PWF-VAEX-ALT-MONITOR-FREQ (catalogue numbers 239 to 241).

ADDITIONAL COMMENTS: This field does not apply to Turbidity or bacteriological contaminants. If this field is to be used for gross alpha particle activity, '4000' (not '4002') should be used.

** Not required on the record - no warning issued if missing.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
7/31 1981	1	Yes **	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
239	PW-VE-MCL	PWF-VAEX-MODIFIED-MCL

DESCRIPTION AND USE: The numeric portion of a modified Maximum Contaminant Level (MCL) which has been granted to the PWS as a condition of a variance, exemption or enforcement action*

DATA TYPE: A/N

PICTURE: X(5)

SOURCE(S): Input Form or Variances and Exemptions Subsystem

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric or blank.

EDIT CRITERIA:

If entered, must be numeric - error code 010.

If entered, PWF-VAEX-CONTAMINANT-ID must be present - error code 030.

When reinitialized with a ($), PWF-VAEX-MODIFIED-MCL-DEC (catalogue number 240) is also reinitialized; and if PWF-VAEX-ALT-MONITOR-FREQ (catalogue number 241) is not present on PWF record, PWF-VAEX-CONTAMINANT-ID (catalogue number 238) is also reinitialized.

*for a given contaminant.

ADDITIONAL COMMENTS:

It does not apply to turbidity or bacteriological contaminants.

** Not required on the record - no warning if missing.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
7/31 1981	1	Yes **	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
240	PW-VE-DEC	PWF-VAEX-MODIFIED-MCL-DEC

DESCRIPTION AND USE: The decimal locator for a modified Maximum Contaminant Level (MCL) which has been granted to the PWS as a condition of a variance, exemption or enforcement action*

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Form or Variances and Exemptions Subsystem

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric from 0 thru 5 or blank.

For example, if PWF-VAEX-MODIFIED-MCL is 2345 and PWF-VAEX-MODIFIED-MCL-DEC is 2, the modified MCL is 23.45.

EDIT CRITERIA:

If entered, must be numeric - error code 010.

If entered, must be from '0' thru '5' - error code 011.

If entered, PWF-VAEX-CONTAMINANT-ID and PWF-VAEX-MODIFIED-MCL (catalogue numbers 238 and 239) must be present - error code 030.

When reinitializing with a ($), PWF-VAEX-MODIFIED-MCL is also reinitialized; and if PWF-VAEX-ALT-MONITOR-FREQ (catalogue number 241) is not present on PWF record, PWF-VAEX-CONTAMINANT-ID (catalogue number 238) is also reinitialized.

*for a given contaminant.

ADDITIONAL COMMENTS: This field does not apply to turbidity or bacteriological contaminants.

** Not required on the record - no warning issued if missing.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	**VERSION:** 2	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** Yes **	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 241	**MNEMONIC NAME:** PW-VE-AMF	**PROGRAM NAME:** PWF-VAEX-ALT-MONITOR-FREQ

DESCRIPTION AND USE: An alternate monitoring frequency to be used for monitoring a contaminant as a condition to a variance or exemption granted to the PWS.	**DATA TYPE:** A/N **PICTURE:** X(3)

SOURCE(S):
Inpur Form or Variances and Exemptions Subsystem

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric representing the period during which the required number of samples must be taken. For example, '01' means monthly, '02' means every two months, '03' means quarterly, ..., '12' means yearly, etc.

EDIT CRITERIA:

If entered, must be numeric error code 010.

If entered, PWF-VAEX-CONTAMINANT-ID (cat #138) must be present - error code 030.

If entered and the first digit of PWF-VAEX-CONTAMINANT-ID is '1' or '2', must be from 1 to 33 - error code 011.

If entered and the first digit of PWF-VAEX-CONTAMINANT-ID is '4', must be divisable by 3 - error code 407.

When reinitialized with a ($), PWF-VAEX-CONTAMINANT-ID (cat #238) is also reinitialized if PWF-VAEX-MODIFIED-MCL (cat #239) is not present on PWF record.

ADDITIONAL COMMENTS: This field does not apply to turbidity or bacteriological contaminants. Read Section II of appendices F and G to determine how this field affects radionuclides.

** Not required on the record - no warning issued if missing.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
7/31/81

DATE: 7/31 1981	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes

DATA ELEMENT

CATALOGUE NO.: 242	**MNEMONIC NAME:** PW-PL-SONM	**PROGRAM NAME:** PWF-PLANT-SOURCES-NUMBER

DESCRIPTION AND USE: The total number of water sources and entry points used by a Public Water System.

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S):
Internally generated

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric from 01 to 15

EDIT CRITERIA:

None - internally generated

ADDITIONAL COMMENTS: There must be at least one source of water. This value is redefined by and may also be referenced as PWS-TOTAL-OCCURANCES-NUMBER - see catalogue number 727.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 243	MNEMONIC NAME: PW-PL-SONA	PROGRAM NAME: PWF-PLANT-SOURCE-NAME

DESCRIPTION AND USE: Represents the name of a water source used by the Public Water System	DATA TYPE: A/N PICTURE: X(15)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blanks.

EDIT CRITERIA:

None

ADDITIONAL COMMENTS: When deleting a source, the source name entered on the input transaction must match the source name on the file. If it does not match, the deletion is not allowed.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
9/30/79

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 244	MNEMONIC NAME: PW-PL-SOCO	PROGRAM NAME: PWF-PLANT-SOURCE-CODE

DESCRIPTION AND USE: Represents a code identifying the type of water source.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

S = Surface Water
G = Ground Water
P = Purchased Water (originating surface source)
W = Purchased Water (originating ground source)

EDIT CRITERIA:

When adding a water source, must be entered - error code 004.

If entered, must be 'S', 'G', 'P', 'W', 'Z' (indicating delete this source) - error code 011.

ADDITIONAL COMMENTS: If any water source has a code of 'S' or 'P', the entire Public Water System is classified as using surface water. This element is not to be used for turbidity monitoring purposes - reference PWF-ENTRY-POINT-CODE - catalog number 729.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 245	MNEMONIC NAME: PW-PL-WELL	PROGRAM NAME: PWF-PLANT-NUM-OF-WELLS

DESCRIPTION AND USE: Represents the number of wells within a given ground water source.	DATA TYPE: A/N PICTURE: X(2)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric or blank

EDIT CRITERIA:

If entered, must be numeric - error code 401.

If entered, PWF-PLANT-SOURCE-CODE (catalogue number 244) should be 'G' or 'W' - error code 101.

ADDITIONAL COMMENTS:

If a number of wells are treated in one treatment plant, they are considered as one water source.

MODEL STATE INFORMATION SYSTEM

Binder 25
6/30/80

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 246	**MNEMONIC NAME:** PW-PL-AVAL	**PROGRAM NAME:** PWF-PLANT-AVAILABILITY

DESCRIPTION AND USE: Represents a code describing the availability of a water source.	**DATA TYPE:** A/N **PICTURE:** X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric code in the Code Value Table or blank.

Allow for 10 values in the Code Value Table.

EDIT CRITERIA:

If entered, must be in the Code Value Table - error code 402.

ADDITIONAL COMMENTS: A surface source with non-permanent availability (I, 1, R, S, O, 0 or E) is monitored only for MCL and check sampling compliance for turbidity when samples are entered.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 247	MNEMONIC NAME: PW-PL-BASN	PROGRAM NAME: PWF-PLANT-BASIN-NUMBER

DESCRIPTION AND USE: Represents a code indicating a river or lake from which water is obtained by the Public Water System.	DATA TYPE: A/N PICTURE: X(4)

SOURCE(S):

Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any four digit numeric River Basin Code in the Code Value Table or blank.

Allow 50 values in the Code Value Table.

EDIT CRITERIA:

If entered, must be numeric - error code 401.

If entered, must be on the Code Value Table - error code 402.

If entered, PWF-PLANT-SOURCE-CODE (catalogue number 244) should be 'S' or 'P' - error code 101.

ADDITIONAL COMMENTS:

The values used on the Code Value Table are those values defined by STORET.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 248	MNEMONIC NAME: PW-PL-LATI	PROGRAM NAME: PWF-PLANT-LATITUDE

DESCRIPTION AND USE:
Represents the latitude of the water source in degrees, minutes and seconds.

DATA TYPE: A/N

PICTURE: X(7)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric latitude of the form DDDMMSS where

DDD - degrees
MM - minutes
SS - seconds

On the Code Value Table, or blank.

Allow for 260 values on the Code Value Table.

EDIT CRITERIA:

If entered, must be numeric - error code 401.

If entered, the first position of DDD must be 0, MM and SS must not exceed 59 - error code 407.

If entered, and PWF-PLANT-AREA-COUNTY-CODE (catalogue number 159) is present, the value should be within the range defined by the minimum and maximum latitudes acceptable for the county - error code 102, 103.

ADDITIONAL COMMENTS:
The minimum and maximum latitudes used on the Code Value Table are those values defined by STORET.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
3/28/79

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 249	MNEMONIC NAME: PW-PL-LONG	PROGRAM NAME: PWF-PLANT-LONGITUDE

DESCRIPTION AND USE: Represents the longitude of the water source in degrees, minutes and seconds.	DATA TYPE: A/N PICTURE: X(7)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any numeric longitude of the form DDDMMSS where

DDD - degrees
MM - minutes
SS - seconds

on the Code Value Table, or blank.

Allow for 260 values on the Code Value Table.

EDIT CRITERIA:

If entered, must be numeric - error code 401.

If entered, MM and SS must not exceed 59 - error code 407.

If entered and PWF-PLANT-AREA-COUNTY-CODE (catalogue number 159) is present, the value should be within the range defined by the minimum and maximum longitudes acceptable for the county - error code 102, 103.

ADDITIONAL COMMENTS:

The minimum and maximum longitudes used on the Code Value Table are those values defined by STORET.

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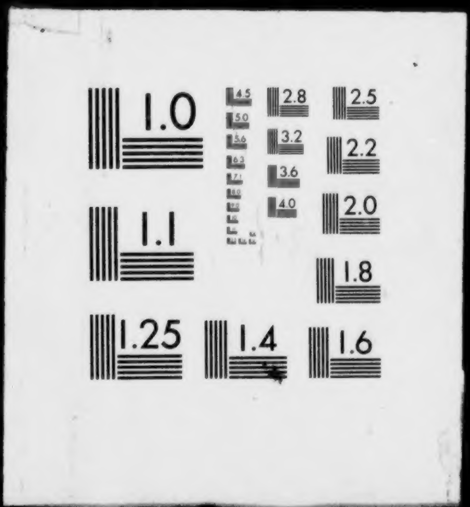
1.0
4.5
2.8
2.5
5.0
5.6
3.2
2.2
6.3
3.6
7.1
4.0
2.0
1.1
1.8
1.25
1.4
1.6

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
5/29/79

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** Yes*	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 250	**MNEMONIC NAME:** PW-PL-SLID	**PROGRAM NAME:** PWF-PLANT-SELLER-ID

DESCRIPTION AND USE: Represents the Public Water System identification of the PWS selling water to this PWS.	**DATA TYPE:** A/N **PICTURE:** X(7)

SOURCE(S): Input Form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Numeric 0000001 to 9999999

EDIT CRITERIA:

If entered, must be numeric - error code 401.

Must be entered when adding a water source if PWF-PLANT-SOURCE-CODE (catalogue number 244) is 'P' or 'W' - error code 406.

ADDITIONAL COMMENTS:

If more than one PWS-ID applies, the PWS identification of the largest is used.

* requested only if PWF-PLANT-SOURCE-CODE is 'P' or 'W'

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes *	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 251	MNEMONIC NAME: PW-PL-AERA	PROGRAM NAME: PWF-PLANT-AERATION

DESCRIPTION AND USE: Represents a flag indicating whether a given aeration technique has been applied to a water source.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

* If missing, no warning is used

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** Yes*	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 252	**MNEMONIC NAME:** PW-PL-PREC	**PROGRAM NAME:** PWF-PLANT-PRECHLORINATION

DESCRIPTION AND USE: Represents a flag indicating whether a given prechlorination technique has been applied to a water source.	**DATA TYPE:** A/N **PICTURE:** X(1)

SOURCE(S):

Input Form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

*If missing, no warning message is produced

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes *	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 223	MNEMONIC NAME: PW-PL-COAG	PROGRAM NAME: PWF-PLANT-COAGULATION

DESCRIPTION AND USE: Represents a flag indicating whether a given coagulation technique has been applied to a water source.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

* If missing, no warning message is produced

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes *	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 254	MNEMONIC NAME: PW-PL-SEDI	PROGRAM NAME: PWF-PLANT-SEDIMENTATION

DESCRIPTION AND USE: Represents a flag indicating whether a given sedimentation technique has been applied to a water source	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

* If missing, no warning message is produced

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** Yes *	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 255	**MNEMONIC NAME:** PW-PL-FILT	**PROGRAM NAME:** PWF-PLANT-FILTRATION

DESCRIPTION AND USE:
Represents a flag indicating whether a given filtration technique has been applied to a water source

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

* If missing, no warning message is produced

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes *	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 256	MNEMONIC NAME: PW-PL-CORR	PROGRAM NAME: PWF-PLANT-CORROSION-CNTRL

DESCRIPTION AND USE: Represents a flag indicating whether a given corrosion control technique has been applied to a water source.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

* If missing, no warning message is produced

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes*	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 257	MNEMONIC NAME: PW-PL-SOFT	PROGRAM NAME: PWF-PLANT-SOFTENING

DESCRIPTION AND USE:
Represents a flag indicating whether a given softening technique has been applied to a water source.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

* If missing, no warning message is produced

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes *	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 258	MNEMONIC NAME: PW-PL-TAST	PROGRAM NAME: PWF-PLANT-TASTE-ODOR

DESCRIPTION AND USE: Represents a flag indicating whether a given taste and odor removing technique has been applied to a water source	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):

Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

* If missing, no warning message is produced

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes *	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 259	MNEMONIC NAME: PW-PL-IRON	PROGRAM NAME: PWF-PLANT-IRON-REMOVAL

DESCRIPTION AND USE: Represents a flag indicating whether a given iron removal technique has been applied to a water source.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

* If missing, no warning message is produced

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
11/16 1976	1	Yes *	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
260	PW-PL-AMMO	PWF-PLANT-AMMONIATION

DESCRIPTION AND USE:
Represents a flag indicating whether a given ammoniation technique has been applied to a water source.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

* If missing, no warning message is produced

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes *	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 261	MNEMONIC NAME: PW-PL-FLOR	PROGRAM NAME: PWF-PLANT-FLUORIDE-ADJUSTMENT

DESCRIPTION AND USE: Represents a flag indicating whether a given fluoride adjustment technique has been applied to a water source.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):

Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

* If missing, no warning message is produced

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes *	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 262	MNEMONIC NAME: PW-PL-DISI	PROGRAM NAME: PWF-PLANT-DISINFECTION

DESCRIPTION AND USE: Represents a flag indicating whether a given disinfection technique has been applied to a water source.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

* If missing, no warning message is produced

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** Yes *	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 263	**MNEMONIC NAME:** PW-PL-OTHE	**PROGRAM NAME:** PWF-PLANT-OTHER-TREATMENT

DESCRIPTION AND USE: Represents a flag indicating whether a given technique has been applied to a water source.	**DATA TYPE:** A/N **PICTURE:** X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

* If missing, no warning message is produced

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/16 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 264	MNEMONIC NAME: PW-PL-RESE	PROGRAM NAME: PWF-PLANT-RESERVE

DESCRIPTION AND USE: Represents a field reserved for state use for describing a water source.	DATA TYPE: A/N PICTURE: X(3)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	x			x		
OUTPUT OF:	x			x					

ACCEPTABLE VALUES:

Any alphanumeric

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/76	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 265	MNEMONIC NAME:	PROGRAM NAME: PWT-RELATIVE-REC-NUMBER

DESCRIPTION AND USE: The relative track address at which the record is to be placed or at which to search for the record.	DATA TYPE: N PICTURE: 9(5)

SOURCE(S):
Machine generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	
OUTPUT OF:	x								

ACCEPTABLE VALUES:

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

Binder 25
3/31/80

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
11/76	1	Yes	Yes

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
256		PWT-ID

DESCRIPTION AND USE:
A unique seven digit identification number of the PWS

DATA TYPE: A/N

PICTURE: X(7)

SOURCE(S):

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	
OUTPUT OF:	x								

ACCEPTABLE VALUES:

000000 to 9999999

EDIT CRITERIA:

1. Must be numeric
2. Any other transaction - a corresponding number must not exist on the Public Water Table (PWT)
3. Must be greater than zero - if not, print a message on the Standard Warning Report and reject the transaction.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/76	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** Yes	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes

DATA ELEMENT

CATALOGUE NO.: 267	**MNEMONIC NAME:**	**PROGRAM NAME:** PWT-MAILING-NAME

DESCRIPTION AND USE: The official mailing name of a Public Water System (PWS)	**DATA TYPE:** A/N **PICTURE:** X(30)

SOURCE(S): PWS Permit Documents

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	
OUTPUT OF:	x								

ACCEPTABLE VALUES:

Any character string

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/76	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** Yes	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes

DATA ELEMENT

CATALOGUE NO.: 268	**MNEMONIC NAME:**	**PROGRAM NAME:** PWT-MAILING-STREET

DESCRIPTION AND USE:
The first line of the mailing address of the PWS.

DATA TYPE: A/N

PICTURE: X(30)

SOURCE(S):

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	
OUTPUT OF:	x								

ACCEPTABLE VALUES:

Any character string
As a part of the mailing address it must contain the street address.

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/76	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 269	MNEMONIC NAME:	PROGRAM NAME: PWT-MAILING-CITY

DESCRIPTION AND USE: The second line of the mailing address which will contain the ciyt name	DATA TYPE: A/N PICTURE: X(30)

SOURCE(S):
PWS Permit Documents

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	
OUTPUT OF:	x								

ACCEPTABLE VALUES:

Any character string
As a part of the mailing address, must contain the city name

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/76	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** Yes	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes

DATA ELEMENT

CATALOGUE NO.: 270	**MNEMONIC NAME:**	**PROGRAM NAME:** PWT-MAILING-STATE

DESCRIPTION AND USE:
The postal code of the state which controls the PWS Plant.
(May be different from the plant address)

DATA TYPE: A/N

PICTURE: X(2)

SOURCE(S): State Postal Code Table, Input Transactions

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	
OUTPUT OF:	x								

ACCEPTABLE VALUES:

Any valid postal code

EDIT CRITERIA:

Must be alphabetic and contained in a state postal code table.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/76	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 271	MNEMONIC NAME:	PROGRAM NAME: PWT-MAILING-ZIP-CODE

DESCRIPTION AND USE: The zip code, as attached to the mailing address of the PWS	DATA TYPE: A/N
	PICTURE: X(5)

SOURCE(S): Zip code list, Input Transaction

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	
OUTPUT OF:	x								

ACCEPTABLE VALUES:

Any valid 5 digit zip code

EDIT CRITERIA:

Must be numeric or blank

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/76	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 272	MNEMONIC NAME:	PROGRAM NAME: PWT-MAILING-AREA-CODE

DESCRIPTION AND USE: Area code of telephone number associated with the mailing address.	DATA TYPE: A/N PICTURE: X(3)

SOURCE(S): Source documents, PWS Permits

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	
OUTPUT OF:	x								

ACCEPTABLE VALUES:

Any valid area code

EDIT CRITERIA:

Must be numeric or blank

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/76	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 273	**MNEMONIC NAME:**	**PROGRAM NAME:** PWT-MAILING-PNONE-NUMBER

DESCRIPTION AND USE: Seven digit telephone number associated with the mailing address	**DATA TYPE:** A/N **PICTURE:** X(7)

SOURCE(S): Source documents, such as PWS Permits

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x		x	x		x	
OUTPUT OF:	x								

ACCEPTABLE VALUES:

Seven (7) digit telephone number

EDIT CRITERIA:

Must be numeric and not zero.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/76	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 274	**MNEMONIC NAME:**	**PROGRAM NAME:** PWT-STATE-REGION

DESCRIPTION AND USE: A code identifying an administrative region of the state	**DATA TYPE:** A/N **PICTURE:** X(2)

SOURCE(S):

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x		x	x		x	
OUTPUT OF:	x								

ACCEPTABLE VALUES:

Determined by the state when MSIS is implemented. If state does not control water quality by regions, field is empty.

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 11/76	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 275	**MNEMONIC NAME:**	**PROGRAM NAME:** PWT-STATE-DISTRICT

DESCRIPTION AND USE: A code identifying an administrative district within a region	**DATA TYPE:** A/N **PICTURE:** X(2)

SOURCE(S):

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	
OUTPUT OF:	x								

ACCEPTABLE VALUES:

As determined by state at MSIS implementation. Can also contain county code.

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11-76	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

ATALOGUE NO.: 276	MNEMONIC NAME:	PROGRAM NAME: PWT-PLANT-TYPE

ESCRIPTION AND USE: A flag to indicate whether the plant is community or non-community PWS	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Determined by field inspectors according to federal regulations

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	
OUTPUT OF:	x								

ACCEPTABLE VALUES:

C = Community
N = Non-community

EDIT CRITERIA:

Must be a "C" or "N".

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
11/76	1	Yes	Yes

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
27[illegible]		PWT-PLANT-POPULATION-SERVED

DESCRIPTION AND USE:
Total population obtaining water from this system-not to include the population of consecutive water systems.

DATA TYPE: A/N

PICTURE: X(9)

SOURCE(S):

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	
OUTPUT OF:	x								

ACCEPTABLE VALUES:

Any number greater than zero

EDIT CRITERIA:

Must be numeric and greater than zero

ADDITIONAL COMMENTS:
By the federal regulations, it must be at least 25, but state regulations may define a PWS as one serving less than 25 people.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 11/76	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 278	MNEMONIC NAME:	PROGRAM NAME: PWT-PLANT-COMPLIANCE-CYCLE

DESCRIPTION AND USE: This data element describes the compliance cycle for a particular PWS	DATA TYPE: A/N PICTURE: X(2)

SOURCE(S): As determined at MSIS installation time.

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x						
OUTPUT OF:	x								

ACCEPTABLE VALUES:

Any number in the range 01-99. For a PWS that is monitored monthly the compliance cycle is the day on which the compliance month starts. For example-compliance cycle 20 means that the reporting periods starts at the 20th.

EDIT CRITERIA:

Must be numeric and greater than zero. If PWS monitored monthly, compliance cycle must be less than 29. If PWS monitored quarterly, may have any value 01 to 99.

ADDITIONAL COMMENTS:

If the states do not wish to use the compliance cycle feature, the value will be set to '01'.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 279	MNEMONIC NAME:	PROGRAM NAME: CVT-CARD-CODE

DESCRIPTION AND USE: The Card Code indicates which type of card this is: 1 = Error Message Data, 2 = Code Value Data, 3 = Data Element Table.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):

Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x	x	x	x	x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

2 = Code Value Data

EDIT CRITERIA:

This data element must equal 2.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes

DATA ELEMENT

CATALOGUE NO.: 280	**MNEMONIC NAME:**	**PROGRAM NAME:** CVT-FILE-ID

DESCRIPTION AND USE: The File-ID indicates which file uses this code value.	**DATA TYPE:** A/N
	PICTURE: X(2)

SOURCE(S):
Input Form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x	x	x	x	x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

PW = Public Water System Inventory File
LB = Laboratory File
RG = Regulations File
VE = Variances and Exemptions File
EA = Enforcement Actions File
OM = Operator and Mailing File
MS = More than one file uses this code value

EDIT CRITERIA:

This field must equal PW, RG, VE, EA, OM, MS, or LB

ADDITIONAL COMMENTS:

When a code value record is used by more than one file, then use the standard file code, MS. For example, contaminant code values should use 'MS' for its File - ID.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 281	MNEMONIC NAME:	PROGRAM NAME: CVT-CATALOGUE-NO

DESCRIPTION AND USE: The unique 3 digit number used to identify the data element.	DATA TYPE: A/N PICTURE: X(3)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x	x	x	x	x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

Numeric-greater than zero

EDIT CRITERIA:

This field must be numeric

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 282	MNEMONIC NAME:	PROGRAM NAME: CVT-DATA-EL-VALUE

DESCRIPTION AND USE: This is a nine position field which will contain an acceptable value for a specific code on the Code Value Table.	DATA TYPE: A/N PICTURE: X(9)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x	x	x	x	x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

EDIT CRITERIA:

This data element has nine positions in which to store data. If n represents the value of CV-LENGTH, then the field position in this data element greater than N cannot contain a non-blank character. If a catalogue number appears more than once for a file ID, they must contain different values.

ADDITIONAL COMMENTS:
The acceptable values for catalogue #248, latitude, and catalogue #249, longitude, are specified in the CVT-DATA-EL-DESC field. For #248 and #249 a county code is entered in this field.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 283	MNEMONIC NAME:	PROGRAM NAME: CVT-DATA-LENGTH

DESCRIPTION AND USE:
The Data-Length is the length of the Data Element's acceptable value.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x	x	x	x	x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

1 to 9

EDIT CRITERIA:

This field must equal 1 - 9.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No -	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 284	MNEMONIC NAME:	PROGRAM NAME: CVT-DATA-EL-DESC

DESCRIPTION AND USE: This is a 30 position description of what a specific acceptable code on the Code Value Table represents.

DATA TYPE: A/N

PICTURE: X(30)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x	x	x	x	x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

Any character string

EDIT CRITERIA:

This field must be non-blank.

**of this field. Positions 1-7 and 9-15 are of the format DDDMMSS, where D stands for degrees, M stands for minutes, and S stands for seconds.

ADDITIONAL COMMENTS: Due to the necessity of permitting a minimum and maximum value for latitude and longitude, the acceptable values are entered in this field rather than in the CVT-DATA-EL-VALUE. County code is entered in the CVT-DATA-EL-VALUE, the minimum latitude or longitude is entered in positions 1-7 of this field, and the maximum latitude or longitude is entered in position 9-15 ** (above)

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

Binder 25
07/15/82

DATE: 10/5 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes

DATA ELEMENT

CATALOGUE NO.: 285	**MNEMONIC NAME:**	**PROGRAM NAME:** DET-CARD-CODE

DESCRIPTION AND USE: This code indicates the table in which this card belongs: 1 = Error Message, 2 = Code Value Data, 3 = Data Element Data

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**RTVL**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x		x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

3 = Data Element Data

EDIT CRITERIA:

This data element must equal 3.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
07/15/82

DATE: 10/5 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes

DATA ELEMENT

CATALOGUE NO.: 286	**MNEMONIC NAME:**	**PROGRAM NAME:** DET-FILE-ID

DESCRIPTION AND USE: Indicates the file to which this data element belongs.

DATA TYPE: A/N

PICTURE: X(2)

SOURCE(S): Input Form

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	RTVL	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x		x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

LB - Laboratory Table
OM - Operator and Mailing File
PH - Public History File
PS - Periodic Sample File
PW - Public Water File
RG - Regulations File
SA - Sample Analysis File
SH - Standard History File
VE - Variances and Exemptions File
VI - Violations File

EDIT CRITERIA:

The data element must equal PW, PS, SA, VI, RG, VE, OM, SH, PH, LB

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 287	MNEMONIC NAME:	PROGRAM NAME: DET-CATALOGUE-NO

DESCRIPTION AND USE: The unique 3 digit number used to identify the data element	DATA TYPE: A/N PICTURE: X(3)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

Numeric and greater than zero

EDIT CRITERIA:

This field must be numeric. No other record in the Data Element Table with similar DE-FILE-ID must have this number.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 288	MNEMONIC NAME:	PROGRAM NAME: DET-START-POSITION

DESCRIPTION AND USE:
The card column starting position on the input transaction on which this data element is entered.

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

00 to 80

EDIT CRITERIA:

1. This field must be numeric and equal 01 through 80 inclusive or zero.
2. DET-START-POSITION + DET-INPUT-LENGTH (catalogue #291) must be less than 82.

ADDITIONAL COMMENTS:
This is used in Standard Processing Report to indicate the card columns of data elements which are in error. If a data element is internally generated the field will contain 00.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
10/5 1976	1	No	Yes

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
283		DET-FILE-START-POSITION

DESCRIPTION AND USE:
This is the start position of a data element within the record, within the file.

DATA TYPE: N

PICTURE: 9(4)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

Numeric greater than zero or all asterisks (*)'s.

EDIT CRITERIA:

This field must be numeric or filled with '****'s.

ADDITIONAL COMMENTS:
Asterisks (*)'s are used to indicate that this data element has multiple occurrances within a record and, therefore, does not have a unique starting position. Asterisks also are used to indicate that the data element does not exist on the file as in the case of transaction codes.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 290	MNEMONIC NAME:	PROGRAM NAME: DET-DATA-LENGTH

DESCRIPTION AND USE: The number of positions on the file used to contain the data element.	DATA TYPE: N PICTURE: 9(2)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

Numeric and greater than zero

EDIT CRITERIA:

This must be numeric greater than zero.

ADDITIONAL COMMENTS:

This data element is not applicable to certain fields not maintained on permanent files (e.g., card code). Even so, this data element must contain a non-zero numeric value.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 291	MNEMONIC NAME:	PROGRAM NAME: DET-INPUT-LENGTH

DESCRIPTION AND USE: This is the 2 position field that determines the length of a data element as it is input to MSIS as opposed to the length as it is *

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x	-	x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

00 - 80

EDIT CRITERIA:

1. Must be 00 to 80

ADDITIONAL COMMENTS:

If a data element is internally generated the field will contain 00.

*stored in MSIS.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 292

MNEMONIC NAME:

PROGRAM NAME: DET-MNEMONIC-NAME

DESCRIPTION AND USE: Mnemonic name of the data element.

DATA TYPE: A/N

PICTURE: X(10)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

Any character string.

EDIT CRITERIA:

This field must be non-blank.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
07/15/82

DATE: 10/5 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes

DATA ELEMENT

CATALOGUE NO.: 293	**MNEMONIC NAME:**	**PROGRAM NAME:** DET-HISTORY-CODE

DESCRIPTION AND USE: Used to indicate whether or not this data element is kept on a History File.	**DATA TYPE:** A/N **PICTURE:** X(1)

SOURCE(S):

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**RTVL**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x		x			x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

N = do not save on History File

Y = save on History File

EDIT CRITERIA:

This field must equal 'Y' or 'N', if the DET-FILE-ID equal OM, PW, VE, or VI. Otherwise, it may be 'Y', 'N', or blank.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: - 294	MNEMONIC NAME:	PROGRAM NAME: EMT-CARD-CODE

DESCRIPTION AND USE:
Card code is used to indicate a type of table card. 1 = Error Message Data, 2 = Code Value Data, 3 = Data Element Table.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									x
OUTPUT OF:									x

ACCEPTABLE VALUES:

1 = Error Message Data

EDIT CRITERIA:

This data element must equal 1.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 295	MNEMONIC NAME:	PROGRAM NAME: EMT-FILE-ID

DESCRIPTION AND USE: The file-ID is used to permit consistency with the CVT and DET input card formats.	DATA TYPE: A/N PICTURE: X(2)

SOURCE(S): Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									x
OUTPUT OF:									x

ACCEPTABLE VALUES:

MS - Multiple Subsystems

EDIT CRITERIA:

This field must equal MS

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 296	MNEMONIC NAME:	PROGRAM NAME: EMT-ERROR-CODE

DESCRIPTION AND USE: * See Comments	DATA TYPE: A/N PICTURE: X(3)

SOURCE(S):

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									x
OUTPUT OF:									x

ACCEPTABLE VALUES:

001 - 100 are used when an entire input transaction is rejected
101 - 400 are used when the value for a single input field is questionable
400 - 900 are used when the value for a single input field is invalid

EDIT CRITERIA:

These codes must be numeric.

ADDITIONAL COMMENTS: *The Error Code is a 3 digit code which represents an error situation which occurred during a data entry or file creation module. This code is then associated with an error message on the Error Message Table and is used in the Standard Error Handling Module.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 297	MNEMONIC NAME:	PROGRAM NAME: EMT-ERROR-MESSAGE

DESCRIPTION AND USE: The Error Message is a description of the error code. The Message and Code are associated on the Error Message Table.	DATA TYPE: A/N PICTURE: X(28)

SOURCE(S):
Input Form

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									x
OUTPUT OF:									x

ACCEPTABLE VALUES:

Any character string

EDIT CRITERIA:

This field must not be blank

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
03/15/82

DATE: 01/15 1982	**VERSION:** 2	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes

DATA ELEMENT

CATALOGUE NO.: 298	**MNEMONIC NAME:**	**PROGRAM NAME:** SEF-TRANSACTION

DESCRIPTION AND USE: This is the 80 character image of the update transaction which had some edit errors occur when it was being processed.	**DATA TYPE:** A/N **PICTURE:** X(80)

SOURCE(S): Update transactions for the PWSI, WAQC, REGS, VAEX, OPER, and Standard Processing subsystems.

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									x
OUTPUT OF:	x		x		x			x	x

ACCEPTABLE VALUES:

Any alphanumeric character string

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 299	MNEMONIC NAME:	PROGRAM NAME: SEF-CATALOGUE-NO

DESCRIPTION AND USE: This is the three position data element catalogue number which identifies a specific data element on a file

DATA TYPE: A/N

PICTURE: X(3)

SOURCE(S): Internally generated.

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									x
OUTPUT OF:	x		x		x	x		x	x

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 300	MNEMONIC NAME:	PROGRAM NAME: SEF-ERROR-CODE

DESCRIPTION AND USE: This is a three position code which is used to identify specific error conditions. It is used in conjunction with the*

DATA TYPE: A/N

PICTURE: X(3)

SOURCE(S): Internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									x
OUTPUT OF:	x		x		x	x		x	x

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

ADDITIONAL COMMENTS:

* Error Message Table in printing the Standard Error Report.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 301	MNEMONIC NAME: SH-FILE-ID	PROGRAM NAME: SHF-FILE-ID

DESCRIPTION AND USE: These codes are part of the access key for a Standard History Record. They indicate from which file a History record originated.	DATA TYPE: A/N PICTURE: X(2)

SOURCE(S):
Internally Generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									x
OUTPUT OF:			x		x	x		x	x

ACCEPTABLE VALUES:

VI - Violations File
VE - Variances and Exemptions File
EA - Enforcement Actions File
OM - Operator and Mailing File

EDIT CRITERIA:

ADDITIONAL COMMENTS:
These codes are internally generated in the system and should never be incorrect.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
03/15/82

DATE: 01/15 1982	VERSION: 2	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 302	MNEMONIC NAME: SH-REC-ID	PROGRAM NAME: SHF-RECORD-ID

DESCRIPTION AND USE: Record identification is part of the access key on the Standard History File. It is the unique record identification from the originating record.	DATA TYPE: A/N PICTURE: X(5)

SOURCE(S):
Internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									x
OUTPUT OF:			x		x			x	x

ACCEPTABLE VALUES:

The record identification that was on the original MSIS record.

For Violations - Violation ID
For Variances and Exemptions - V or E ID
For Operator and Mailing - Addressee ID

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
03/15/82

DATE: 01/15 1982	VERSION: 2	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 303	MNEMONIC NAME: SH-CAT-NO	PROGRAM NAME: SHF-CATALOGUE-NO

DESCRIPTION AND USE:
A numeric code identifying an MSIS data element.

DATA TYPE: A/N

PICTURE: X(3)

SOURCE(S): Internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									x
OUTPUT OF:			x		x			x	x

ACCEPTABLE VALUES:

Data element catalogue number specified in the Data Element Dictionary pertaining to the Violations File, the Variances and Exemptions File, or the Operator and Mailing File.

EDIT CRITERIA:

ADDITIONAL COMMENTS:
These codes are assigned internally and should never be incorrect.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
03/15/82

DATE: 01/15 1982	**VERSION:** 2	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes

DATA ELEMENT

CATALOGUE NO.: 304	**MNEMONIC NAME:** SH-CUR-UP	**PROGRAM NAME:** SHF-CUR-UPDATE-DATE

DESCRIPTION AND USE: This is the date an MSIS record was updated. It is used on the MSIS History file to identify changed data elements according to the date of the change.

DATA TYPE: N

PICTURE: 9(5)

SOURCE(S): Internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									x
OUTPUT OF:			x		x			x	x

ACCEPTABLE VALUES:

A numeric date in Julian format.

EDIT CRITERIA:

ADDITIONAL COMMENTS:

This date is internally generated in the system and should never be incorrect.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
07/15/82

DATE: 10/5 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes

DATA ELEMENT

CATALOGUE NO.: 305	**MNEMONIC NAME:** SH-LST-UP	**PROGRAM NAME:** SHF-LAST-UPDATE-DATE

DESCRIPTION AND USE: This is the date on which the record was previously updated. (Prior to the current update); this is used to establish an audit trail.

DATA TYPE: N

PICTURE: 9(5)

SOURCE(S): Internally generated

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:									x
OUTPUT OF:			x		x	x		x	x

ACCEPTABLE VALUES:

Numeric date in Julian format

EDIT CRITERIA:

ADDITIONAL COMMENTS: This date is internally generated. The data contained in the last update date indicates the date on which the record was changed preceding this current update.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 306	MNEMONIC NAME: SH-OLD-VAL	PROGRAM NAME: SHF-OLD-VALUE

DESCRIPTION AND USE: This is the value of the data element on an MSIS record before an update transaction changed its value. It is used in the Standard History file for an audit trail.	DATA TYPE: A/N PICTURE: X(30)

SOURCE(S):
Internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									x
OUTPUT OF:			x		x	x		x	x

ACCEPTABLE VALUES:

Any alphanumeric character string

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 30	MNEMONIC NAME: SH-NEW-VAL	PROGRAM NAME: SHF-NEW-VALUE

DESCRIPTION AND USE: This is the value of a data element on an MSIS record after an update transaction changed its value. It is used in the Standard History File for an audit trail.	DATA TYPE: A/N PICTURE: X(30)

SOURCE(S):
Internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:									x
OUTPUT OF:			x		x	x		x	x

ACCEPTABLE VALUES:

Any alphanumeric character string

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 308	MNEMONIC NAME:	PROGRAM NAME: OEF-MAX-KEY

DESCRIPTION AND USE:
This is the first 26 positions of an input record image passed to the Standard Error Processing module.

DATA TYPE: A/N

PICTURE: X(26)

SOURCE(S): Internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

Any alphanumeric character string

EDIT CRITERIA:

ADDITIONAL COMMENTS:
The Optional Error File (OEF) is generated upon user request and may be utilized for error correction if an on-line text editing capability exists.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/5 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 309	MNEMONIC NAME:	PROGRAM NAME: OEF-REST-OF-TRAN

DESCRIPTION AND USE: This is the last 54 positions of an input record image passed to the Standard Error Processing module.	DATA TYPE: A/N PICTURE: X(54)

SOURCE(S):

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x		x	x		x	x
OUTPUT OF:									x

ACCEPTABLE VALUES:

Any alphanumeric character string

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Same comment as catalogue #308.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 12/20 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 310	MNEMONIC NAME: PH-PWS-ID	PROGRAM NAME: PHF-PWS-ID

DESCRIPTION AND USE: A seven digit number uniquely identifying a Public Water System within a state	DATA TYPE: A/N PICTURE: X(7)

SOURCE(S):
Internally generated from PWF record creating the PWF record

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x								
OUTPUT OF:	x								

ACCEPTABLE VALUES:

0000000 to 9999999

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 12/20 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 311	**MNEMONIC NAME:** PH-CAT-NO	**PROGRAM NAME:** PHF-CATALOGUE-NO

DESCRIPTION AND USE: A unique three (3) digit code identifying an MSIS data element	**DATA TYPE:** A/N **PICTURE:** X(3)

SOURCE(S): Pre-assigned

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x								
OUTPUT OF:	x								

ACCEPTABLE VALUES:

All the data element catalogue numbers specified on the Data Element Table (DET)

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 12/20 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 312	**MNEMONIC NAME:** PH-CUR-UP	**PROGRAM NAME:** PHF-CUR-UPDATE-DATE

DESCRIPTION AND USE: The current date (Julian) that the update run occured	**DATA TYPE:** N **PICTURE:** 9(5)

SOURCE(S):
The date is entered from the Processing Options 'PROC' record.

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x								
OUTPUT OF:	x								

ACCEPTABLE VALUES:

Any valid date

EDIT CRITERIA:

ADDITIONAL COMMENTS:

A five (5) digit date in the format of:
2 digit Julian year
3 digit Julian day

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 12/20 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 313	MNEMONIC NAME: PH-PW-NAME	PROGRAM NAME: PHF-PLANT-OWNER-NAME

DESCRIPTION AND USE: The official name of the Public Water System.	DATA TYPE: A/N PICTURE: X(30)

SOURCE(S): PWS permit documents from PWSI010

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x								
OUTPUT OF:	x								

ACCEPTABLE VALUES:

Any character string

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 12/20 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 314	MNEMONIC NAME: PH-S-REGN	PROGRAM NAME: PHF-STATE-REGION

DESCRIPTION AND USE: A code identifying an administrative region of the state	DATA TYPE: A/N
	PICTURE: X(2)

SOURCE(S):
Internally generated from PWF record creating the PHF record.

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x								
OUTPUT OF:	x								

ACCEPTABLE VALUES:

As determined by the state when the MSIS is implemented. If state does not control water quality by regions, this field is empty.

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 12/20 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 315	MNEMONIC NAME: PH-S-DIST	PROGRAM NAME: PHF-STATE-DISTRICT

DESCRIPTION AND USE: A code identifying an administrative district within a region	DATA TYPE: A/N PICTURE: X(2)

SOURCE(S):
Internally generated from PWF record creating the PHF record.

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x								
OUTPUT OF:	x								

ACCEPTABLE VALUES:

As determined by state at MSIS implementation. If a state does not control water quality by district, this field may be empty.

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 12/20 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: -	MANDATED FOR MSIS PROCESSING REQUIREMENTS:

DATA ELEMENT

CATALOGUE NO.: 316	MNEMONIC NAME: PH-LST-UP	PROGRAM NAME: PHF-LAST-UPDATE-DATE

DESCRIPTION AND USE: The date (in Julian) that the last update run was made.	DATA TYPE: N PICTURE: 9(5)

SOURCE(S):
The date is entered from the previous Processing Option's 'PROC' *

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x								
OUTPUT OF:	x								

ACCEPTABLE VALUES:

Any valid date

EDIT CRITERIA:

ADDITIONAL COMMENTS:
A five digit date in the format of:
- a) 2 - digit Julian year
- b) 3 - digit Julian year

* record.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 12/20 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 317	MNEMONIC NAME: PH-OLD-VAL	PROGRAM NAME: PHF-OLD-VALUE

DESCRIPTION AND USE: The value of an MSIS data element before an update action changed its value. Used in the MSIS History File for audit trail.	DATA TYPE: A/N PICTURE: X(30)

SOURCE(S):

MSIS record that was updated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x								
OUTPUT OF:	x								

ACCEPTABLE VALUES:

The original value of the data element. Dates in Julian format are converted to regular (MMDDYY) format.

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 12/20 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 318	**MNEMONIC NAME:** PH-NEW-VAL	**PROGRAM NAME:** PHF-NEW-VALUE

DESCRIPTION AND USE: The value of an MSIS data element after an update action changed its value. Used in the MSIS History File (PHF) for an audit trail.	**DATA TYPE:** A/N **PICTURE:** X(30)

SOURCE(S): MSIS record that was updated.

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x								
OUTPUT OF:	x								

ACCEPTABLE VALUES:

The new value of the data element. Dates in regular format (MMDDYY) are converted to Julian (YYDDD) format.

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
1/20/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
10/25 1976	1	No	Yes

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
319	LB-ID	LBT-LAB-ID

DESCRIPTION AND USE:
Represents the ID Code of the approved laboratory for water sampling analysis.

DATA TYPE: A/N

PICTURE: X(5)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

1. Numeric - Error Code 010
2. Greater than zero - Error Code 013
3. Unique for each L1 card - Error Code 037

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25

DATE: 10/25 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 320	MNEMONIC NAME: LB-CONTGRP	PROGRAM NAME: LBT-CONTAMINANT-GROUP

DESCRIPTION AND USE:
Represents the contaminant group for which the Lab has been certified to do analysis, the first digit of the Contaminant-ID Code.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

0 - Turbidity
1 - Inorganic Chemical
2 - Organic Chemical
3 - Microbiological
4 - Radionuclide
9 - Other

EDIT CRITERIA:

1. Numeric - Error Code 010
2. Acceptable Value (0 - 4 or 9) - Error Code 011
3. Unique for each L2 card - Error Code 036

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/25 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 321	MNEMONIC NAME: LB-OW-TYPE	PROGRAM NAME: LBT-OWNER-TYPE

DESCRIPTION AND USE: Represents the owner type code of the approved laboratory for water sampling analysis.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):

Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any valid Lab Owner Type on the Code Value Table allow up to 15 Lab Owner Types.

EDIT CRITERIA:

1. Numeric - Error Code 010
2. On the Code Value Table - Error Code 014

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/25 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 322	MNEMONIC NAME: LB-NAME	PROGRAM NAME: LBT-LAB-NAME

DESCRIPTION AND USE:
Represents the name of the approved laboratory for water sampling analysis.

DATA TYPE: A/N

PICTURE: X(30)

SOURCE(S):
Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any alphanumeric character string

EDIT CRITERIA:

Must be non-blank - Error Code 011

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
1/20/79

DATE: 10/25 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 323	MNEMONIC NAME: LB-EXP-DT	PROGRAM NAME: LBT-EXPIRATION-DATE

DESCRIPTION AND USE: Represents the date on which State approval or authorization of a particular laboratory terminates	DATA TYPE: N PICTURE: 9(5)

SOURCE(S): Input Forms

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Valid Date

EDIT CRITERIA:

Must be a valid date - Error Code 033

ADDITIONAL COMMENTS:
Input at X(6) - MMDDYY; stored as 9(5) - YYddd - Julian

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/25 1976	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** Yes

DATA ELEMENT

CATALOGUE NO.: 324	**MNEMONIC NAME:** LB-REL-REC	**PROGRAM NAME:** LBT-RELATIVE-RECORD

DESCRIPTION AND USE: Used in programs which access the Laboratory Table for reducing the number of file seeks necessary before finding the desired record.	**DATA TYPE:** N **PICTURE:** 9(6)

SOURCE(S): Internally generated

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:	x		x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 10/25 1976	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 325	MNEMONIC NAME: LB-METHCNT	PROGRAM NAME: LBT-METHOD-COUNT

DESCRIPTION AND USE:
Represents a count of the number of analysis method codes contained in a given Laboratory Table record.

DATA TYPE: N

PICTURE: 9(2)

SOURCE(S): Internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:	x		x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

None - internally generated

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
2/21 1977	1	Yes	Yes

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
326	VI-PWS-ID	VIF-PWS-ID

DESCRIPTION AND USE:
The seven-digit Public Water System Identification number associated with a particular violation.

DATA TYPE: A/N

PICTURE: X(7)

SOURCE(S):
Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric - 7 digits - 0000001 - 9999999

EDIT CRITERIA:

Normal processing - internally generated, no edit
All manual update transactions:

If entered, must be numeric - error code 401
If entered, must be greater than zero - error code 405
If entered, must be on the Public Water Table (PWT) - error code 409

When manually creating a new record

must be entered - error code 004
must be numeric - error code 010
must be greater than zero - error 013
must be on PWT - error code 015

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Nc	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 327	MNEMONIC NAME: VI-PWS-NAM	PROGRAM NAME: VIF-PWS-NAME

DESCRIPTION AND USE: Represents the official name of the Public Water System.	DATA TYPE: A/N PICTURE: X(30)

SOURCE(S):
Public Water Table

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any character string

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 328	MNEMONIC NAME: VI-PWS-TYP	PROGRAM NAME: VIF-PWS-TYPE

DESCRIPTION AND USE: Pepresents a flag indicating if this Public Water System is a community or non-community PWS.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Public Water Table

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

'C' - Community
'N' - Non-community

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 329	**MNEMONIC NAME:** VI-POPULAT	**PROGRAM NAME:** VIF-POPULATION

DESCRIPTION AND USE: Represents the total population obtaining water from this Public Water System - not to include the population of consecutive water systems unless otherwise specified.

DATA TYPE: A/N

PICTURE: X(9)

SOURCE(S): Public Water Table

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any number greater than zero

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
2/21 1977	1	No	Yes

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
330	VI-REG-LVL	VIF-REGULATION-LEVEL

DESCRIPTION AND USE:
Indicates the type and level of regulations violated.

DATA TYPE: A/N

PICTURE: X(2)

SOURCE(S): Input form or Internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Code	Regulation Type	Level
FP	Federal	Primary
FS	Federal	Secondary
SP	State	Primary
SS	State	Secondary

EDIT CRITERIA:

On manual update transactions, it must be either 'FP', 'FS', 'SP' or 'SS' or blank - error code 407.

When manually creating a new record

must be entered - error code 004
must be 'FP', 'FS', 'SP', or 'SS' - error code 011

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
11/15/79

DATE 2/21 1977	VERSION 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY Yes**	MANDATED FOR MSIS PROCESSING REQUIREMENTS Yes

DATA ELEMENT

CATALOGUE NO. 331	MNEMONIC NAME VI-CONT-ID	PROGRAM NAME VIF-CONTAMINANT-ID

DESCRIPTION AND USE
Represents the Contaminant Identification code of the sample(s) in violation.

DATA TYPE A/N

PICTURE X(4)

SOURCE(S)
Input form or internally generated

SUBSYSTEMS	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO			x	x			x		
OUTPUT OF			x						

ACCEPTABLE VALUES

Any valid Contaminant ID on the Code Value Table.
Allow for 200 values on the Code Value Table.

EDIT CRITERIA

When updating a record:

1. Must be numeric - error code 401
2. Must be greater than zero - error code 405
3. Must be on the Code Value Table - error code 402

When creating a new record:

1. Must be entered - error code 004
2. Must be numeric - error code 010
3. Must be greater than zero - error code 013
4. Must be on the Code Value Table - error code 014

ADDITIONAL COMMENTS
* See Appendix A of this document
** If not entered, do not print warning message if violation type is greater than 4.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 132	MNEMONIC NAME: VI-SRC-CD	PROGRAM NAME: VIF-SOURCE-CODE

DESCRIPTION AND USE: Represents a code indentifying the type of water source for the Public Water System.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Public Water Table

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

S - Surface Water
G - Ground Water

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 333	MNEMONIC NAME: VI-LAB-ID	PROGRAM NAME: VIF-LAB-ID

DESCRIPTION AND USE: Represents the identification code of the Laboratory performing the analysis on the sample(s) in violation.	DATA TYPE: A/N PICTURE: X(5)

SOURCE(S):

Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric or blank
Not necessary for Turbidity violations

EDIT CRITERIA:

Normal processing - internally generated, no edit.
Manual addition or update transactions (if entered):

Must be numeric - error code 401
Must be greater than zero - error code 405
Must be on the Laboratory Table (LBT) with the expiration date for the Lab not yet passed - error code 407

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 334	MNEMONIC NAME: VI-LAB-NAM	PROGRAM NAME: VIF-LAB-NAME

DESCRIPTION AND USE: Represents the name of the Laboratory which performed the analysis on the sample(s) in violation.	DATA TYPE: A/N PICTURE: X(30)

SOURCE(S): Laboratory Table

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any character string

Blank for Turbidity Violations

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 335	MNEMONIC NAME: VI-SPLDATE	PROGRAM NAME: VIF-SAMPLE-DATE

DESCRIPTION AND USE: Represents the date on which the sample was taken	DATA TYPE: N PICTURE: 9(5)

SOURCE(S): Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any valid Julian date or zero

EDIT CRITERIA:

Normal processing - internally generated, no edit.
Manual addition or update transactions (if entered):

Must be numeric - error code 401
Must be a valid date - error code 403
Must not be greater than the processing date - error code 404

ADDITIONAL COMMENTS:

On file - format of YYddd - 9(5) (Julian)

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
1/30/80

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 336	MNEMONIC NAME: VI-SPLREQD	PROGRAM NAME: VIF-SAMPLES-NUM-REQUIRED

DESCRIPTION AND USE: Represents the number of samples required by the regulaitons governing the monitoring of the contaminant associated with the violation	DATA TYPE: N PICTURE: 9(4)

SOURCE(S):
Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Normal processing - internally generated, no edit.
Manual additon or update transactions, if entered:

Must be numeric - error code 401
Must be greater than zero - error code 405

ADDITIONAL COMMENTS:

This field applies to sampling violations only.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
1/30/80

DATE: 2/21 1977	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 337	**MNEMONIC NAME:** VI-SPLTAKN	**PROGRAM NAME:** VIF-SAMPLES-NUM-TAKEN

DESCRIPTION AND USE: Represents the actual number of samples taken for the contaminant associated with the violation.	**DATA TYPE:** N **PICTURE:** 9(4)

SOURCE(S): Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			X	X			X		
OUTPUT OF:			X						

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Normal processing - internally generated, no edit.
Manual addition or update transactions, if entered:

Must be numeric - error code 401

ADDITIONAL COMMENTS:

This field applies to sampling violations only.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
11/15/79

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
2/21 1977	1	No	Yes

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
338	VI-AN-METH	VIF-ANALYSIS-METHOD

DESCRIPTION AND USE:
Represents the code for the analysis method used in the sample analysis which caused the violation.

DATA TYPE: A/N

PICTURE: X(3)

SOURCE(S): Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			X	X			X		
OUTPUT OF:			X						

ACCEPTABLE VALUES:

Any valid analysis method code on the Laboratory Table

EDIT CRITERIA:

Update or addition transactions:

For Turbidity violations, do not edit against LBT, must be 001 - error code 407

When updating a record:

1. Must be numeric - error code 401
2. Must be greater than zero - error code 405
3. Must be on Code Value Table - error code 402

When creating a new record:

1. Must be numeric - error code 010
2. Must be greater than zero - error code 013
3. Must be on Code Value Table - error code 014

ADDITIONAL COMMENTS:

This field only applies to Maximum Contaminant Level (MCL) Violations.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 339	MNEMONIC NAME: VI-AN-RESL	PROGRAM NAME: VIF-ANALYSIS-RESULT

DESCRIPTION AND USE:
The analysis result for the sample in violation of the regulations

DATA TYPE: N

PICTURE: 9(5)

SOURCE(S):
Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x	x		x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Normal processing - internally generated, no edit.
Manual addition or update transactions, if entered:

Must be numeric - error code 401
Must be entered if VIF-ANALYSIS-DECIMALS is greater than zero - error code 406

Automatically reinitialized if VIF-ANALYSIS-DECIMALS is reinitialized.

ADDITIONAL COMMENTS:

This field only applies to Maximum Contaminant Level (MCL) Violations

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 340	MNEMONIC NAME: VI-AN-DEC	PROGRAM NAME: VIF-ANALYSIS-DECIMALS

DESCRIPTION AND USE: Represents the number of fractional decimal places in the analysis result, VIF-ANALYSIS-RESULT	DATA TYPE: N PICTURE: 9(1)

SOURCE(S):
Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x		,	x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric

For example, if VIF-ANALYSIS-RESULT is 2345 and VIF-ANALYSIS-DECIMALS is 2, then the value 23.45 is used for analysis results.

EDIT CRITERIA:

Normal processing - internally generated, no edit.
Manual addition or update transactions, if entered:

Must be numeric - error code 401
Must be entered if VIF-ANALYSIS-RESULT is greater than zero - error code 406

Automatically reinitialized if VIF-ANALYSIS-RESULT is reinitialized.

ADDITIONAL COMMENTS:

This field only applies to Maximum Contaminant Level (MCL) Violations

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 341	MNEMONIC NAME: VI-ANDATE	PROGRAM NAME: VIF-ANALYSIS-DATE

DESCRIPTION AND USE: Represents the date the analysis was performed on a sample in violation.	DATA TYPE: N PICTURE: 9(5)

SOURCE(S):

Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any valid Julian date or zero

EDIT CRITERIA:

Normal processing - internally generated, no edit.
Manual addition or update transactions if entered:

Must be numeric - error code 401
Must be a valid date - error code 403
Must not be greater than processing date -error code 404

ADDITIONAL COMMENTS:

On file - format of YYddd - 9(5) - (Julian)

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: [illegible]	MNEMONIC NAME: VI-SAMPLCT	PROGRAM NAME: VIF-SAMPLING-CUTOFF-DATE

DESCRIPTION AND USE: Represents the last date of the sampling compliance period.	DATA TYPE: N PICTURE: 9(5)

SOURCE(S): Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any valid Julian date or zero

EDIT CRITERIA:

Normal processing - internally generated, no edit.
Manual addition or update transactions, if entered:

Must be numeric - error code 401
Must be a valid date - error code 403

ADDITIONAL COMMENTS:

On file - format of YYddd - 9(5) - (Julian)

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 343	MNEMONIC NAME: VI-VIOL-TP	PROGRAM NAME: VIF-VIOLATION-TYPE

DESCRIPTION AND USE: Represents a code describing the violation type.	DATA TYPE: A/N PICTURE: X(2)

SOURCE(S): Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any valid violation type on the Code Value Table

Allow 10 entries on the Code Value Table

EDIT CRITERIA:

Normal processing - internally generated, no edit.
All manual update transactions, if entered:

Must be numeric - error code 401
Must be greater than zero - error code 405
Must be on the Code Value Table - error code 402

When manually creating a new record,

must be entered - error code 004
must be numeric - error code 010
must be greater than zero - error 013
must be on CVT - error code 014

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

Binder 25
2/1/79

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: Yes

DATA ELEMENT

CATALOGUE NO.: 344	MNEMONIC NAME: VI-VIOL-DT	PROGRAM NAME: VIF-VIOLATION-DATE

DESCRIPTION AND USE: Represents the date on which the violation occured. When not on input, it is first day of the compliance cycle.	DATA TYPE: N PICTURE: 9(5)

SOURCE(S): Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any valid Julian date

EDIT CRITERIA:

Normal processing - internally generated, no edit.
All manual update transactions, if entered:

- Must be a valid date - error code 403
- Must be numeric - error code 401
- Must be greater than zero - error code 405

When manually creating a new record

- Must be entered - error code 004
- Must be valid date - error code 033
- Must be numeric - error code 010
- Must be greater than zero - error code 013

ADDITIONAL COMMENTS:

On file format of YYddd - 9(5) - (Julian)

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
2/21 1977	1	Yes*	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
345	VI-MCLVIOL	VIF-MCL-VIOLATED

DESCRIPTION AND USE:
Represents the Maximum Contaminant Level (MCL) which was violated by the sample.

DATA TYPE: N

PICTURE: 9(5)

SOURCE(S):
Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Normal processing - internally generated, no edit.
Manual addition or update transactions, if entered:

Must be numeric - error code 401
Must be greater than zero - error code 405
Must be entered or zero if VIF-MCL-VIOL-DECIMALS is greater than zero- error code 406

Automatically reinitialize if VIF-MCL-VIOL-DECIMALS is reintialized.

ADDITIONAL COMMENTS:
This field only applies to MCL violations.

* If violation type is greater than 2 do not print a warning message.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** Yes	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 346	**MNEMONIC NAME:** VI-MCLDEC	**PROGRAM NAME:** VIF-MCL-VIOL-DECIMALS

DESCRIPTION AND USE: The number of fractional decimal places in the MCL value violated, VIF-MCL-VIOLATED	**DATA TYPE:** N **PICTURE:** 9(1)

SOURCE(S):

Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric

For example: if VIF-MCL-VIOLATED is 2345 and VIF-VIOL-DECIMALS is 2, then the value 23.45 is used for the MCL Violated.

EDIT CRITERIA:

Normal processing - internally generated, no edit.
Manual addition or update transactions, if entered:

Must be numeric - error code 401
Must be entered if VIF-MCL-VIOLATED is greater than zero - error code 406

Automatically reinitialize if VIF-MCL-VIOLATED is reinitialized.

ADDITIONAL COMMENTS:

This field only applies to MCL Violations.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
2/29/80

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 347	MNEMONIC NAME: VI-SPLVIOL	PROGRAM NAME: VIF-SAMPLING-FREQ-VIOL

DESCRIPTION AND USE: Represents the sampling frequency violated in hours for Turbidity, otherwise in months.	DATA TYPE: N PICTURE: 9(3)

SOURCE(S):

Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Normal processing - internally generated, no edit.
Manual addition or update transactions (if entered):

Must be numeric - error code 401
Must be greater than zero - error code 405

ADDITIONAL COMMENTS:

This field only applies to sampling violations.

* If violation type is not equal 3 or 4 do not print a warning message.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
1/30/80

DATE: 2/21 1977	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 348	**MNEMONIC NAME:** VI-NUMSPVI	**PROGRAM NAME:** VIF-NUM-SAMPLES-VIOL

DESCRIPTION AND USE: Represents the number of single samples in MCL violation.

DATA TYPE: N

PICTURE: 9(4)

SOURCE(S): Input form or internally generated

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Normal processing - internally generated, not edit.
Manual addition or update transactions, if entered:

Must be numeric - error code 401

ADDITIONAL COMMENTS:

This field only applies to MCL violations.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
03/15/82

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: Yes	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 349	MNEMONIC NAME: VI-VIOLDUR	PROGRAM NAME: VIF-VIOLATION-DURATION

DESCRIPTION AND USE: Represents the duration, in months, of a violation of the regulations.	DATA TYPE: N PICTURE: 9(3)

SOURCE(S): Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Normal processing - internally generated, no edit.
Manual addition or update transactions, if entered:

Must be numeric - error code 401

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 350	**MNEMONIC NAME:** VI-NOTIPUB	**PROGRAM NAME:** VIF-NOTIFY-PUBLIC

DESCRIPTION AND USE:
A flag indicating whether or not the Public was notified in the event of a violation.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Input form or internally generated

SUBSYSTEMS:	**PWSI**	**REGS**	**WAOC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:			x	x			x		
OUTPUT OF:			xx						

ACCEPTABLE VALUES:

Blank
Y = Yes, the Public was notified
N = No, the Public was not notified

EDIT CRITERIA:

Normal processing internally generated, no edit.
All manual transactions (if entered):

Must be a 'Y' or 'N' - error code 407

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 351	MNEMONIC NAME: VI-NOTISTA	PROGRAM NAME: VIF-NOTIFY-STATE

DESCRIPTION AND USE:
A flag indicating whether or not the State was notified in the event of a violation.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S):
Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Blank
Y = Yes, the State was notified
N = No, the State was not notified

EDIT CRITERIA:

Normal processing - internally generated, no edit.
All manual transactions (if entered):

Must be a 'Y' or 'N' - error code 407

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 352	**MNEMONIC NAME:** VI-REGION	**PROGRAM NAME:** VIF-REGION

DESCRIPTION AND USE: Represents a code identifying the administrative region of the State which is responsible for monitoring the PWS.	**DATA TYPE:** A/N **PICTURE:** X(2)

SOURCE(S):
Public Water Table

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any valid region code on the Code Value Table or blank.

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
2/21 1977	1	No	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
353	VI-DISTRIC	VIF-DISTRICT

DESCRIPTION AND USE:
Represents a code identifying the administrative distric of the State which is responsible for monitoring the PWS.

DATA TYPE: A/N

PICTURE: X(2)

SOURCE(S):
Public Water Table

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any valid district code on the Code Value Table or blank

EDIT CRITERIA:

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 2/21 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 354	MNEMONIC NAME: VI-SPLTYPE	PROGRAM NAME: VIF-SAMPLE-TYPE

DESCRIPTION AND USE: Identifies the type of sample in violation. See codes below.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Input form or internally generated.

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

C = Check Sample
D = Regular Distribution Sample
P = Plant Tap Water
R = Raw Water Sample
S = Special Sample

or blank

EDIT CRITERIA:

Normal processing - internally generated, no edit.

If entered on a manual transaction , must be 'C', 'D', 'P', 'R' or 'S' - error code 407.

ADDITIONAL COMMENTS:

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
2/21 1977	1	No	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
355	VI-SPLKEY	VIF-SAMPLE-KEY

DESCRIPTION AND USE:
Represents a key used to identify a record on the Periodic Sample File. Composed of the processing date and a sequence number within the*

DATA TYPE: A/N

PICTURE: X(10)

SOURCE(S): Input form or internally generated

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x	x			x		
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric - consists of YYDDDXXXXX where YYDDD = Julian date of the processing run, XXXXX = sequential counter of the sample records processed. Or zero.

EDIT CRITERIA:

Normal processing - internally generated, no edit.
All manual transactions (if entered):

Must be numeric - error code 401

ADDITIONAL COMMENTS:
On file - format of YYDDDXXXXX - YYDDD - Julian date and XXXXX - sequential counter - X(10).

* date.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 1/25 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 356	MNEMONIC NAME: SA-PWS-ID	PROGRAM NAME: SAF-PWS-ID

DESCRIPTION AND USE: The seven digit Identification Code of the Public Water System to which the sample applies	DATA TYPE: A/N PICTURE: X(7)

SOURCE(S):
Periodic Sample File

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric in the range of 0000001 to 9999999

EDIT CRITERIA:

Normal processing - no edit
Manual delete Transactions:

Must be Numeric - error code 010
Must be greater than zero - error code 013
Must be on the SAF - error code 003
Must be entered - error code 011

ADDITIONAL COMMENTS:
In normal processing, data element is copied from the Periodic Sample File (PSF).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
1/25 1977	1	No	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
357 *	SA-CONID	SAF-CONTAMINANT-ID

DESCRIPTION AND USE: The Contaminant ID Code of the Sample Record

DATA TYPE: A/N

PICTURE: X(4)

SOURCE(S): Periodic Sample Vile

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any valid contaminant ID on the Code Value Table. Maximum of 200 values on the Code Value Table permitted.

EDIT CRITERIA:

Normal processing - no edit
Manual delete Transactions:

Must be numeric - error code 010
Must be greater than zero - error code 013
Must be on the SAF - error code 003
Must be entered - error code 011

ADDITIONAL COMMENTS:

If normal processing, data element is copied from the Periodic Sample File (PSF).
*See Appendix A of this document.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 1/25 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 358	MNEMONIC NAME: SA-SAMPLID	PROGRAM NAME: SAF-SAMPLE-ID-CODE

DESCRIPTION AND USE: A 3 digit code used to tie a given check sample with the original sample	DATA TYPE: A/N PICTURE: X(3)

SOURCE(S): Periodic Sample File

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any alphanumeric character string

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Data element is copied from the Periodic Sample File (PSF). Only required for regular samples for which check samples will be taken and for the ensuing check samples.

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 1/25 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 359	MNEMONIC NAME: SA-SAMPLTP.	PROGRAM NAME: SAF-SAMPLE-TYPE

DESCRIPTION AND USE: Represents the type of sample collected. See codes below.	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S):
Periodic Sample File

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

C = Check Sample
D = Regular Distribution Sample
P = Plant Tap Water
R = Raw Water Sample
S = Special Sample

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Data element is copied from the Periodic Sample File (PSF).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
2/29/80

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
1/25 1977	1	No	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
360	SA-SAMPLDT	SAF-SAMPLE-DATE

DESCRIPTION AND USE: The date on which the sample was taken. For Bacti, represents the date of last sample on SAF.

DATA TYPE: N

PICTURE: 9(5)

SOURCE(S): Periodic Sample File

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any valid Julian Date

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Data element is copied from the Periodic Sample File (PSF). On input, MMDDYY X(6); on File - YYddd (Julian - 9(5).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 1/25 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 361	MNEMONIC NAME: SA-SAMPLTM	PROGRAM NAME: SAF-SAMPLE-TIME

DESCRIPTION AND USE: The Time, expressed using the 24-hour clock, at which the sample was taken.	DATA TYPE: N PICTURE: 9(4)

SOURCE(S): Periodic Sample File

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric - 0001 to 2400

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Data element is copied from the Periodic Sample File (PSF).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 1/25 1977	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 362	**MNEMONIC NAME:** SA-SAMPLKY	**PROGRAM NAME:** SAF-SAMPLE-KEY

DESCRIPTION AND USE:
A unique key for each sample record

DATA TYPE: A/N

PICTURE: X(10)

SOURCE(S):
Periodic Sample File

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric - consists of YYdddXXXXX where YYddd = Julian date of the processing run, XXXX = sequential counter of the sample records processed.

EDIT CRITERIA:

Normal processing - no edit.
Manual delete transactions:

Must be numeric - error code 010
Must be greater than zero - error code 013
Must be on the SAF - error code 003
Must be entered - error code 011

ADDITIONAL COMMENTS:
In normal processing, data element is copied from the Periodic Sample File (PSF).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
1/25 1977	1	No	No

DATA ELEMENT

CATALOGUE NO.: 36.

MNEMONIC NAME: SA-RECDTYP

PROGRAM NAME: SAF-RECORD-TYPE

DESCRIPTION AND USE: Indicates whether the record is detail or summary.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Periodic Sample File

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

D = Detail Record
S = Summary Record

EDIT CRITERIA:

ADDITIONAL COMMENTS:
Data elements is copied from the Periodic Sample File (PSF).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 1/25 1977	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 364	**MNEMONIC NAME:** SA-PWS-TYP	**PROGRAM NAME:** SAF-PWS-TYPE

DESCRIPTION AND USE: A flag indicating if this Public Water System (PWS) is a community or non-community PWS.	**DATA TYPE:** A/N **PICTURE:** X(1)

SOURCE(S):
Public Water File

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

C - Community
N - Non-community

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Data element is copied from the Public Water File (PWF).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 1/25 1977	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 365	**MNEMONIC NAME:** SA-POP-SRV	**PROGRAM NAME:** SAF-POPULATION-SERVED

DESCRIPTION AND USE:
The Total population obtaining water from this system

DATA TYPE: A/N

PICTURE: X(9)

SOURCE(S): Public Water File

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any number greater than zero

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Data element copied from the Public Water File (PWF).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 1/25 1977	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 366	**MNEMONIC NAME:** SA-SOURCE	**PROGRAM NAME:** SAF-SOURCE-CODE

DESCRIPTION AND USE: Identifies the type of water source.

DATA TYPE: A/N

PICTURE: X(1)

SOURCE(S): Public Water File

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

S - Surface Water
G - Ground Water

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Data element is copied from the Public Water File.

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 1/25 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 367	MNEMONIC NAME: SA-AN-METH	PROGRAM NAME: SAF-ANALYSIS-METHOD

DESCRIPTION AND USE: The analysis method used for the particular sample or summary	DATA TYPE: A/N PICTURE: X(3)

SOURCE(S):
Periodic Sample File

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

Normal processing - no edit.
Manual delete Transactions:

Must be numeric - error code 010
Must be greater than zero - error code 013
Must be on the SAF - error code 003
Must be entered - error code 011

ADDITIONAL COMMENTS:
In normal processing, data element copied from the Periodic Sample File (PSF).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 1/25 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 368	MNEMONIC NAME: SA-LAB-ID	PROGRAM NAME: SAF-LAB-ID

DESCRIPTION AND USE: The ID code of the Laboratory processing the sample.	DATA TYPE: A/N PICTURE: x(5)

SOURCE(S): Periodic Sample File

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Data element is copied from the Periodic Sample File (PSF).

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 1/25 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 369	MNEMONIC NAME: SA-LAB-OWN	PROGRAM NAME: SAF-LAB-OWNER-TYPE

DESCRIPTION AND USE: The Owner Type code of the Laboratory analyzing the sample(s).	DATA TYPE: A/N PICTURE: X(1)

SOURCE(S): Periodic Sample File

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any valid lab owner type on the Code Value Table

EDIT CRITERIA:

ADDITIONAL COMMENTS:
Data element is copied form the Periodic Sample File (PSF).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

Binder 25
2/29/80

DATE:	VERSION:	REQUESTED BY EPA TO BE REPORTED ANNUALLY:	MANDATED FOR MSIS PROCESSING REQUIREMENTS:
1/25 1977	1	No	No

DATA ELEMENT

CATALOGUE NO.:	MNEMONIC NAME:	PROGRAM NAME:
370	SA-D-ANRSL	SAF-DETL-ANALYSIS-RESULT

DESCRIPTION AND USE: The result of the sample analysis expressed in the appropriate units of measurements. For Bacti, analysis methods 305 & 307 represents the percentage of samples in violation on SAF.	DATA TYPE: N
	PICTURE: 9(5)

SOURCE(S): Periodic Sample File

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

ADDITIONAL COMMENTS:
Data element is copied from the Periodic Sample File (PSF).

MODEL STATE INFORMATION SYSTEM
DATA ELEMENT DESCRIPTION

DATE: 1/25 1977	VERSION: 1	REQUESTED BY EPA TO BE REPORTED ANNUALLY: No	MANDATED FOR MSIS PROCESSING REQUIREMENTS: No

DATA ELEMENT

CATALOGUE NO.: 371	MNEMONIC NAME: SA-D-ANDEC	PROGRAM NAME: SAF-DETL-ANALYSIS-DECIMALS

DESCRIPTION AND USE: The number of fractional decimal places in SA-D-ANRSL.	DATA TYPE: N PICTURE: 9(1)

SOURCE(S): Periodic Sample File

SUBSYSTEMS:	PWSI	REGS	WAQC	FEDR	VAEX	ENAC	SRVY	OPER	MSIS
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Numeric

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Data element is copied from the Periodic Sample File (PSF).

MODEL STATE INFORMATION SYSTEM

DATA ELEMENT DESCRIPTION

DATE: 1/25 1977	**VERSION:** 1	**REQUESTED BY EPA TO BE REPORTED ANNUALLY:** No	**MANDATED FOR MSIS PROCESSING REQUIREMENTS:** No

DATA ELEMENT

CATALOGUE NO.: 372	**MNEMONIC NAME:** SA-D-ANDTE	**PROGRAM NAME:** SAF-DETL-ANALYSIS-DATE

DESCRIPTION AND USE: Date the sample analysis was performed.	**DATA TYPE:** N **PICTURE:** 9(5)

SOURCE(S): Periodic Sample File

SUBSYSTEMS:	**PWSI**	**REGS**	**WAQC**	**FEDR**	**VAEX**	**ENAC**	**SRVY**	**OPER**	**MSIS**
INPUT TO:			x						
OUTPUT OF:			x						

ACCEPTABLE VALUES:

Any valid Julian date

EDIT CRITERIA:

ADDITIONAL COMMENTS:

Data element is copied from the Periodic Sample File (PSF). On File - YYddd (Julian) 9(5).